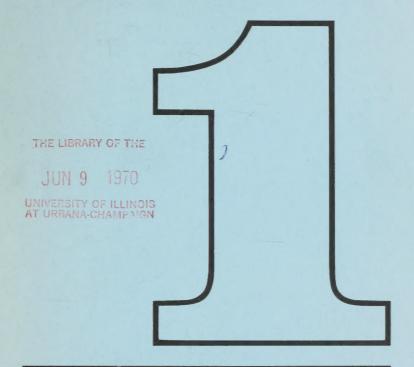
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# TIME TABLE



BULLETIN . UNIVERSITY OF ILLINOIS . URBANA DEPARTMENTS

# FIRST SEMESTER 1970-1971

Supplement Information	r 2										
Registration Instructions	1										
Listing of Courses	5										
Non-Combined Final Examination Schedule											
Calendar	431										
Index	435										

A supplement to the time table will be printed shortly before the semester begins. Students and staff using the time table after this date are advised to consult the supplement for possible changes. Copies are furnished to advisers and department offices.

# UNIVERSITY OF ILLINOIS BULLETIN

Volume 67, Number 105; April 20, 1970. Published twelve times each month by the University of Illinois. Entered as second-class matter December 11, 1912, at the post office at Urbana, Illinois, under the Act of August 24, 1912. Office of Publication, 114 Altgeld Hall, Urbana, Illinois 61801.

# REGISTRATION INSTRUCTIONS

# How to Prepare a Program Request

Please make certain that the Time Table you are using applies to the term for which you are requesting a program of courses. Use a Program Worksheet form to arrange, according to instructions in Item A below, your program of courses for the term. Submit your program request on a Number 2 Program Request Card, according to instructions in Item B below. The Program Worksheet form is printed on the back pages of this Time Table. Additional copies of this form and the Number 2 Program Request Card may be obtained from your major departmental office.

### A. THE PROGRAM WORKSHEET

- I. Before entering a course on your Program Worksheet, ascertain that you have satisfied all prerequisites and special requirements listed under the course heading in the Time Table.
- II. Print legibly on your Program Worksheet each of the following items for every course you wish to include in your program request:
  - a. In the SUBJECT column, the name of the subject, as abbreviated in the Time Table, e.g., Rhet. (NOT English).
    - (Do not confuse the "title" of the course (Freshman Rhetoric and Composition) with the subject (Rhet.) or with the name of the department offering the course (English).
  - b. In the CRSE. NO. column, the subject course number.
    - Note: Authorization from the Graduate College must be obtained by the undergraduate student to enroll in a 300-level course for credit in graduate units or in a 400-level course for either graduate or undergraduate credit, and by the graduate student to enroll in a course for credit in undergraduate hours.
  - c. In the CR column, the amount of credit in undergraduate hours or graduate units.

### SPECIAL INSTRUCTIONS

- An undergraduate student who is authorized to request a 300- or 400-level course for credit in graduate units must place a "U" in the column under the arrow.
- A graduate student who is authorized by his adviser to request a course for credit in undergraduate hours must place an "H" in the column under the arrow.
- 3. Courses offered for variable amounts of credit (e.g., 0 to 4 units) must be shown at a permissable specific amount of credit (e.g., 2 units), not the credit range indicated in the Time Table.
- d. In the CALL NUMBER column, the five digit call number listed in the Time Table. The five digit call numbers appear to the left of each section designation in the Time Table course listings. A call number may control one or more instructional type sections in a multiple section course. If you need more than one line on a worksheet to enter the instructional type designations and the meeting times and/or places controlled by one call number, leave the call number column blank for the additional lines needed.
- e. In the INSTR. TYPE column, the official abbreviation (i.e., lect., lect., disc., quiz, lab., etc.) of the instructional type for each entry. Some courses require that instructional type sections be taken in specific combinations, as indicated in the Time Table.
- f. In the SCTN. DES. column, the section number or letter designation for each line entry.
- g. In the weekday columns, the meeting times for each entry (e.g., 8 or 1-3).
- h. In the MEETING PLACE column, the room number and building where the class meets.
- III. Obtain your adviser's approval for your program.
  - If your college permits self-advising, you do not need this approval.
- IV. Retain the Program Worksheet, your record of the requested program, for your files.

### B. THE NUMBER 2 PROGRAM REQUEST CARD

I. Using ink, copy legibly (clear and distinctive characters, please) and without error the required course information from the heavily outlined box of your worksheet onto the appropriate (graduate or undergraduate) Number 2 Program Request Card (undergraduates, see note below).

Do not repeat a given call number on the Number 2 Program Request Card. Instead, in the screened column next to the call number, write the number of instructional type sections (lect., disc., quiz, lab.) listed following each call number in the Time Table.

Note for Undergraduates: During registration (other than advance enrollment) do not enter call numbers on your Number 2 Program Request Card until you are assured of a place in the desired section (1) during residual and summer session registrations, by

means of having your name entered on the departmental tally sheet and obtaining a Number 5A Class Card for the appropriate courses and/or sections, and (2) during late registration, by means of the signature of the instructor or his representative on the Number 2 Program Request Card.

- II. Count the lines on your Number 2 Program Request Card which contain call numbers and write the total in the box at the lower right. (See A, II, d, and B, I above.)
- III. If not advance enrolled, determine the number of class cards you must obtain and submit with your Program Request Card during registration by adding the numbers you entered in the screened column on the Number 2 Program Request Card.
- IV. To be valid, the Number 2 Program Request Card must be signed as required by your college.
  - V. Submit your Number 2 Program Request Card:
    - a. During advance enrollment,
      - To your adviser (major department, if self-advised see A, III above), if you are an undergraduate student.
      - 2. To your major department, if you are a graduate student.
    - b. During residual and summer session registrations,
      - At Station 9 in the Armory, with all your other registration cards, according to "Registration Instructions for Undergraduate (or Graduate) Students" available at your college office during registration.
      - 2. Advance enrolled undergraduates must not submit a Number 2 Program Request Card during registration in the Armory.
    - c. During late registration, to the fee assessor in the Administration Building.

# ORDER OF REGISTRATION

# First Semester, 1970-1971

Wednesday, September 9, through Saturday noon, September 12

### GRADUATE STUDENTS

The Program Request Card and other preliminary registration materials for graduate students who have not advance enrolled may be obtained in advance of registration days at the office of the student's adviser, beginning Tuesday, September 1.

Authorization cards essential to complete registration will be distributed in the Upper Gymnasium, English Building, to all graduate students except those individually informed by

special instructions that they must go elsewhere. Distribution will be made in accordance with the alphabetical schedule given below, but not before.

### UNDERGRADUATE AND PROFESSIONAL STUDENTS

Agriculture

Authorization cards to complete their registration will be distributed in the Armory for all advance enrolled undergraduate and professional students.

Unless individually informed by special instructions that they must go first to Room 69 Administration Building, authorization cards for all non-advance enrolled undergraduate and professional students will be distributed from the locations designated by the deans of the various colleges, as follows:

Home Economics and Home Economics Education All other curricula.	
Aviation	
All curricula	Adviser's Table, Huff Gymnasium
Commerce and Business Administration	
All curricula	
Communications	
All curricula	
Education All curricula	120 Education Building
Ziii Cui ii Cui	Dancarion building
Engineering	H C C
All curriculaN	ortheast corner entrance, Huff Gymnasium
Fine and Applied Arts	
All curricula	114 Architecture Building
Law	
All classes	111 Law Building
Liberal Arts and Sciences	
All curricula	Lobby, Lincoln Hall Theatre
Dissipal Education	
Physical Education All curricula	
Veterinary Medicine All classes	127 Wateringer Madicina Building
All Classes	vetermary Medicine building

Detailed registration instructions are distributed to graduate students at their departmental adviser's office and to undergraduate and professional students with their authorization card.

### DISTRIBUTION SCHEDULE

The distribution schedule for all students is as follows:

EARLY REGISTRATION PERIOD (special permit required)W	
Student registration staff	2:30 p.m.
Nonacademic employees and all Rehabilitation-Education Center students	3:30 p.m.
T	hursday, September 10
Nev through Ph	
Pi through Rog	
Roh through Sel	
Sem through Std	
Ste through Tuk	
Tul through Wh	
Wi through Z	
A through Bee	4:00 p.m.
	Friday, September 11
Bef through Bro	
Brp through Com	
Con through Dq	
Dr through Fq	
Fr through Grd	
Gre through Her	The state of the s
Hes through Jog.	
Joh through Kou.	
	Saturday, September 12
Kov through Lor	
Los through Meh	
Mei through Neu	10:00 a.m.

Teachers wishing to register in evening or Saturday classes who are unable to be here at the hour designated will be permitted to register between 8:00 a.m. and noon on Saturday, September 12. The offices will not be open for registration on Saturday, September 19, or any subsequent Saturday.

Graduate and undergraduate registrations are completed in the Armory through Saturday noon, September 12. Late registrations are completed in the Administration Building, Monday, September 14, and thereafter.

The late registration fine of \$15.00 will be assessed all students who complete registration after 12:00 noon, Saturday, September 12, 1970. No registration is considered complete until the fee card has been deposited with a Business Office cashier. This includes students exempt from tuition and/or fees.

# LISTING OF COURSES

The arrangement of subjects in this Time Table is alphabetical. The courses offered in each sub-The arrangement of subjects in this Time Table is alphabetical. The courses offered in each subject are listed numerically with headings to indicate the students for whom they are designed. Courses for undergraduates (freshmen and sophomores) are numbered 100 to 199; for advanced undergraduates (juniors and seniors), 200 to 299; for advanced undergraduates and graduates (juniors, seniors, and graduates), 300 to 399; for graduates, 400 to 599. Following the title of each course is a statement of the requirements, if any, for admission to the course.

Special sections intended for Honors Students are listed on page 6 preceding the departmental listings. These sections are also included in the departmental listings, and are designated by the ampersand symbol (8).

persand symbol (&).

### Credit

Credit for undergraduate students is counted in semester hours. An hour is one class period a week for one semester or the equivalent in laboratory or field work or approved independent study.

The number of hours for which each course counts is shown under each course,

Credit for graduate students is counted in units. A unit course requires ten hours of time each week through the semester, irrespective of the distribution of that time in classwork, laboratory or field work, and private study. Four such courses or their equivalent constitute a student's normal program for one semester. The unit values of graduate courses are indicated under each of these courses. No course may be taken for graduate credit unless it is so designated in this Time Table of courses offered. In general, one graduate unit is the equivalent of four semester hours of undergraduate credit.

Approval of the Graduate College must be obtained for all registrations of undergraduate students

in 400 courses for either semester hour or unit credit, or in 300 courses for unit credit.

# Buildings

University buildings are designated by the following abbreviations:

University buildings are designated by the id
Admin
Aero Lab Aeronautical Engineering Laboratory
Agr Eng Agricultural Engineering Building
AHAltgeld Hall
An Gen Animal Genetics Building
ArchArchitecture Building
Art SculptArt-Sculpture Building
ASLAnimal Sciences Laboratory
Bev HallBevier Hall
BRL Burnsides Research Laboratory
Bur Hall Burrill Hall
CA Chemistry Annex
CD Child Development Laboratory
CEBCivil Engineering Building
Cer Ceramics Building
Col Wolfe Colonel Wolfe School
Com WCommerce and Business Administration Building (West)
DHDavenport Hall
DKHDavid Kinley Hall
DMB Dairy Manufactures Building
EB English Building
EC East Chemistry Building
Educ Education Building
EE Annex Electrical Engineering Annex
EEB Electrical Engineering Building
EH Engineering Hall
EPGBEducational Projects and Guidance Building
ERL Engineering Research Laboratory
FABFine and Applied Arts Building
FlorFloriculture Building
Freer GymFreer Gymnasium
FSLForest Science Laboratory
GHGregory Hall
HAHill Annex
HFL
HGHuff Gymnasium
HHHarker Hall
Hyd Eng LabHydraulic Engineering
Laboratory

owing abbreviations:
IHIllini Hall
IUIllini Union
KM Krannert Art Museum
Kran PerfKrannert Center for the Performing Arts
for the Performing Arts
Law Law Building
LHLincoln Hall
LibLibrary
LIRLabor and Industrial Relations Building
MEB Mechanical Engineering Building
MEL Mechanical Engineering Laboratory
MHMumford Hall
MMB Metallurgy and Mining Building
MOGMen's Old Gymnasium
Mor HallMorrill Hall
Mum HouseMumford House
NELNuclear Engineering Laboratory
NHBNatural History Building
NL Noyes Laboratory of Chemistry
NRBNatural Resources Building
Nuc Reac LabNuclear Reactor Laboratory
ObservObservatory
PAPractice Annex
PBPhysics Building
Psych BldgPsychology Building
Rehab CenterRehabilitation-Education Center
SAString Annex
SHStiven House
SMHSmith Music Hall
SPStock Judging Pavilion
Sp ClinicSpeech Clinic
Surv BldgSurveying Building
TATheory Annex
TB Transportation Building
THTurner Hall
TL Talbot Laboratory
UHSUniversity High School
VCLAVeterinary Clinic, Large Animal
VCSAVeterinary Clinic, Small Animal
Veg CropsVegetable Crops Building
VMVeterinary Medicine Building

LISTING OF HONORS SECTIONS

			LISTING O	F HONORS	SECTIONS				
ACCY ACCY ACCY	101 101 108 308	00267 00274 00413 00705	LECT-DISC	*&C *&D1 *&D *&E1	1 0 1 1 1 1 1	M W F M W F	322 322 108 24	D K H D K H	
AG EC AG EC	200 3 <b>7</b> 0	02389 02706	CONF	#&B #&B	ARR 3-430	ти тн	242	веу н	IALL
AG E	296 299	02916 02931	CONF	ξ ξΒ	ARR ARR				
AG M	300	03410	CONF	*&B	ARR				
AGRON	300	03733	LAB-DISC	83	ARR				
AN S	200	04358	LAB	*&B	ARR				
ANTH	102 103	04899 05022	QUIZ	*&G *&G	11 12	TU TU	313 313	D H	
ARCH ARCH	200 200	05677 05684	CONF	25 8F	ARR ARR				
ART	111	06277	DISC	*81	4	F	207	F A 8	
ART	200	07564	LAB-DISC	Α.3	ARR		1398	F A B	
BIOL BIOL BIOL BIOL BIOL BIOL BIOL BIOL	151 151 198 198 198 198 198 203 203 203 203 203 251	11374 11381 11399 11400 11417 11424 11449 11456 11463 11471 11488 11641	LECT LAB LECT LECT LECT LECT LECT LECT-DISC LECT	& & A B C D E & & B C D E & & B C D E & & & & & & & & & & & & & & & & & &	11 1-5 3-5 7-9PM 7-9PM 7-9PM 7-9PM 7-9PM 7-9PM 7-9PM 7-9PM 1-9PM	M W F TU M TU W TH M TU W TH M M TU W TU W TH M TU W TH M TH	231 102 384 231 231 231 136 231 136 136 136	N H B N H B BUR H N H B	IALL IALL
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C E C E C E	214 214 261 280	16624 16802 16916	LAB	*&P *&P *&F &E	11 10-12 2 1	TU TH M W F M W F	1215 1215 423 8222	C E B C E B E H C E B	
C S C S	109 209 209	19129 19225 19232	LECT-DISC LECT-DISC LECT-DISC	&U1 &A &B	ARR ARR	ТН	161	E E B	
D S	300	19613	CONF	<b>83</b> *	ARR				

ECON ECON ECON	102 103 108	201 <b>74</b> 20295 20815	LECT-DISC LECT-DISC LECT-DISC	*& A1	3 8 8	M W F M W F	140 20 126	COM W COM W COM W
ECON ECON	108 172	20822	LECT-DISC LECT-DISC	*&E *&E1	1	M W F	20 140	COM W
ECON	172 255	21251	LAB LECT-DISC	*&81 *&F	1 2	TH M W F	307	DKH
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E E E E	229 262	24361 24888	DISC DISC	03* ○3*	8 10	M W F	162 250	E E B E E B
E E	271 296	24895 25011	DISC	*&B &K1	8 ARR	M W F	59	E E B
E E	297 297	25029	DISC LAB	*&P1 *&P1	2 8-10	TU TH TU	170 50M	E E B
E E	29 <b>7</b> 29 <b>7</b>	25036	DISC	*&P2 *&P2	2 10-12	TU TH TU	170 50 M	E E B
E E	29 <b>7</b> 330	25043 25261	DISC	* & R 1 * & B	3-5	TH M W F	169 59	E E B E E B
EE	340 352	25463 26024	DISC	4&D 4&P	11	M W F	162	E E B
EE	352			93≠	2-5	M	251	EEB
E E	384	26331	LECT-DISC	*&B	9	M W F	57	E E B
ENG H	196 197	29287 29294	LECT-DISC	3	10-12	тн	ARR 235	M E B
ENG H	297	29305	LECT-DISC	& &E	3-430 11	M F	302	T 8
ENG H	297 297	29312 29320	LECT-DISC LECT-DISC	M.3 O.3	3-430 ARR	TU TH	B222	CEB
ENG H	29 <b>7</b> 29 <b>7</b>	29337 29344	LECT-DISC LECT-DISC	&P &S	11 8-10	TU TH	302 206	T B T B
ENG H	297	29351	LECT-DISC	¥3	1-3	TU	121	AGR ENG
ENGL	197	30418	LECT-DISC		3-5	TU	142	ADMIN
ENGL ENGL	197 197	30425 30432	LECT-DISC LECT-DISC	*&G2 *&H1	3-5 4-6	TH W	142 210A	ADMIN E B
ENGL	295 295	31363 31371	LECT-DISC LECT-DISC	133* 143*	9-11 10-12	T H TH	210B 194	E B L H
ENGL	295 297	31383 31395	LECT-DISC	*&M2 *&H	10-12 4-6	TU	194 210A	L H E B
		31373		- 411	, 0		2100	
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FR FR	102 103	33909 34306	LECT-DISC	& G & B 3	3	MTU THE	362 204 N	ARMORY H H
FR	104	34620	LECT-DISC	*&D2	11	MTU THE	301	N L
FR	201 211	35066 35212	LECT-DISC	\$&E &D2	11	M W F	3 206	G H H H
G E	103	36296	LAB-DISC	&G1	1-6	TU TH	302	T B
G E	103	36307	LAB-DISC	& G 2	1-4	TU TH	303	T B
G E	103 393	36314 36691	LAB-DISC CONF	&G6 *&B	ARR	TU TH	316	ТВ
GEOG	102	36823	QUIZ	* & 2	8-10	W	143A	M E B
GEOG GEOG	103	37003	LAB-DISC	*&5 *&5	10 10-12	M W	175 175	DH
GEOG GEOG	104	37131 37221	QUIZ	*&12 *&2	3 10	TU TU	175 177	DH
GEOL	101	37680 37829	LAB-DISC LAB-DISC	&5 &10	1-3 10-12	TH TU	120 251	N H B
GEOL	101	37836 37901	LAB-DISC LAB-DISC	*&20 *&7	1-3 3-5	TU TU	120 120	N H B N H B
GEOL GEOL	102	37918 38016	LAB-DISC	*£7	3-5	TU	120	N H B N H B
GEOL	112	38023	LAB-DISC	ε. Δ	3	TH	147 147	N H B
GEOL	290	38112	CONF	A.3	ARR			
H ED H ED	260 260	40957 40964	LECT-DISC	εx1 εx2	7-9PM 7-9PM	W	207B	FREER GYM

HIST 11 HIST 13		DISC	*&S	9	TU TH	313	G H
HIST 15		DISC	2.3* 2.3	2	TU TH TU TH	331	G H
HIST 15		DISC	2.3	3	M W	307	GH
HIST 29:		CONF	3	ARR			
11231 27.	72102	CONT	6	4.7			
H EC 291	l 44553	LECT-DISC	*88	ARR			
H EC 30	1 44642	LAB	*&E	2-5	TU	109	C D
H EC 386		LECT LAB	83* 23*	3-430	TU TH	242	BEV HALL
n EC 300	0 44700	LAD	#&L	1-3	м ы	208	BEV HALL
HORT 200	0 45057	CONF	*&B	ARR			
I E 29	6 45541	CONF	£Z	ARR			
ITAL 29	1 46223	CONF	£.A	ARR			
L A S 19		CONF	3	9	M W F	94	COM W
L A S 19	7	LAB	3	ARR			
MATH 120		LECT-DISC	*&A1 *&C1	8 10	MTUWTHE	259 441	A H
MATH 12		LECT-DISC	*ED1	11	MTUWTHE	165	АН
MATH 120		LECT-DISC	133*	1	MTUWTHE	445	A H
MATH 13:		LECT-DISC	8 A 1 8 D 1	8 11	MTUWTHF	169 445	A H
MATH 14		LECT-DISC		B	M W F	345	AH
MATH 14		LECT-DISC		11	M W F	173	A H
MATH 14		LECT-DISC	103	10	MTUWTHE	173	A H
MATH 14		LECT-DISC	£E1 *&P	1	MTUWTHE	173	ΔН
MATH 149			93*	ARR			
MATH 14			*&R	ARR			
MATH 14			23*	ARR			
MATH 249			43.¢ 03.¢	ARR			
MATH 249		LECT-DISC	* & Q * & R	ARR			
MATH 31		LECT-DISC	*&F1	2	M W F	259	АН
MATH 34		LECT-DISC	*&D1	11	M W F	159	АН
MATH 34	9 53435	LECT-DISC	8 E 1	1	M W F	145	АН
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M E 20		LECT-DISC	&C1 &C1	10 10-12	M F	135 135	M E B
M E 27		LECT-DISC	*&E1	1-3	MWF	349	M E B
M E 29		CONF	8.2	ARR			
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NCT C 20	6 54353	LECT. DICC	* C D	9	M W F	57	EEB
MET E 38	4 56253	LECT-DISC	# 68	9	M M F	51	E E B
PHIL 30	3 62071	DISC	*&P1	11	TU	327	GН
PHIL 30		DISC	±671	. 3	TU	207	G H
P E M 26		LECT-DISC	1 X 3	7-9 PM	W		FREER GYM
P E M 26	0 65135	LECT-DISC	& X 2	7-9PM	W	15	€ 8
P E W 15		DISC LECT-DISC	ET4 EX1	3 7~ 9 P M	TU_TH	130	FREER GYM
P E W 261		LECT-DISC	8 X 2	7-9PM	W W	15	E B

PHYCS	106	68245	LAB	£D3	10-12	F	264	РВ
PHYCS	106		QUIZ	&D3	10-12	М	264	P E
PHYC		68252	LAB	1M3	1-3	TU	264	РВ
PHYCS		68619	QUIZ LAB	£M1 £D2	1-3 10-12	TH W	137 262	P B P B
PHYCS		00017	QUIZ	£D2	10-12	" F	319	CER
PHYCS		68626	LAB	£03	10-12	F	262	P B
PHYCS			QUIZ	£ 03	10-12	М	139	P B
PHYCS		68633	LAB	£ E 1	1-3	M	234	P B
PHYCS		68641	QUIZ	8E1 8K1	1-3 10-12	W TU	139 234	P B P B
PHYCS		00041	QUIZ	&K1	10-12	ТН	232	PB
PHYCS	107	68658	LAB	113	10-12	TU	262	P B
PHYCS			QUIZ	113	10-12	TH	139	P B
PHYCS		68665	LAB	6M1 6M1	1-3 1-3	TU TH	234 139	P B P B
PHYCS		68672	QUI Z LAB	&N2	1-3	TH	262	PB
PHYCS		31000	QUIZ	&N2	1-3	TU	136	PB
PHYCS		68804	LAB	113	10-12	TH	258	P B
PHYCS			QUIZ	&L 1	10-12	TU	258	P B
PH YC S		68811	LAB	6M1	1-3 1-3	TH TU	236 236	P B
PHYCS		68868	LAB	23*	ARR	10	230	F 0
PHYCS		68890	LAB	*&C	ARR			
		700/0	50115	+ 6 0	400			
PL PA	300	70240	CONF	# & B	ARR			
POL S	191	70734	LECT-DISC	£L	3-5	M W	192	L H
DCVC	. 100	7205/	1.567	* & K	9	M W E	20	PSYCH BLDG
PSYCH PSYCH		72856 72863	L ECT LECT	*&K	11	M W F	29 29	PSYCH BLOG
PSYCH		72871	LECT	*&M	12	M W F	29	PSYCH BLDG
PSYCH		72888	LECT	*&N	2	M W F	29	PSYCH BLDG
PSYCH		73456	LECT	6.0	10	M W F	29	PSYCH BLDG
PSYCH		73463	LECT	£ E	1	M W F	29	PSYCH BLDG
PSYCH		73584	LECT	C3*	9-1020	TU TH	29	PSYCH BLDG
PSYCH		73591	LEC T	* & E	3	M W F	29	PSYCH BLDG
PSYCH	250	73787	LECT	C3	9-1020	TU TH	17	PSYCH BLDG
PSYCH		73794	LECT	8 E	11	M W F	21	PSYCH BLDG
PSYCH		73805	LECT	EF.	2	M W F	17	PSYCH BLDG
PSYCH		74049	LECT	d3*	10	M W F	207	PSYCH BLDG
PSYCH	1 338	74056	LECT	* & E	1	M W F	207	PSYCH BLDG
PEV		75141	LECT-DISC	& X 1	7-9PM	W		FREER GYM
PEW	260	75158	LECT-DISC	2 X 3	7-9PM	W	15	E B
RHET	108	77305	LECT-DISC	EA1	8	M W F	259	F B
RHET	108	77312	LECT-DISC	EA2	8	M W F	105	н н
RHET	108	77320	LECT-DISC	881	9	M W F	109	N L
RHET	108	77337	LECT-DISC	&B2	9	M W F	108	SURV BLDG
RHET	108	77344	LECT-DISC	&Β3	9	M W F	241	ARMORY
RHET	108	77351	LECT-DISC	EC1	10	MWF	206	DKH
RHET	108	77369	LECT-DISC	203	10	M W F	241	ARMORY
RHET	108	77376 77383	LECT-DISC	£C3	10	M W F	147 206	ARMORY D & H
RHET	108	77391	LECT-DISC LECT-DISC	£01	11	MWF	241	ARMORY
RHET	108	77401	LECT-DISC	6 X 1	12	M W F	108	SURV BLDG
RHET	108	77419	LECT-DISC	& X 2	12	MWF	111	L H
RHET	108	77426	LECT-DISC	£ X 3	12	M W F	241	ARMORY
RHET	108	77433	LECT-DISC	£ E 1	1	M W F	206	DKH
RHET	108	77441	LECT-DISC	& E 2	1	M W E	109	N L
RHET	108	77458	LECT-DISC	633	1	M W F	108	SUR V BLDG
RHET	108	77465	LECT-DISC	&E4	1	M W F	325	DKH
RHET	108	77472	LECT-DISC	£F1	2	M W F	206	DKH
RHET	108	77480 77497	LECT-DISC LECT-DISC	& F 2 & F 3	2 2	M W F	109	N L SURV BLDG
RHET	108	77508	LECT-DISC	&F4	2	M W F	332	ARMORY
RHET	108	77515	LECT-DISC	£ G1	3	M W F	109	N L
RHET	108	77522	LECT-DISC	&G2	3	M W F	282	BEV HALL
RHET	108	77530	LECT-DISC	& G 3	3	M W F	206	DKH
RHET			AFCE DICC	&G4	3	M W F	312	NL
	108	77547	LECT-DISC					
RHET	108	77554	LECT-DISC	£ H1	4	M W F	142	ADMIN
RHET	108 108	77554 77561	LECT-DISC LECT-DISC	& H1 & H2	4	M W F	142 282	ADMIN BEV HALL
	108	77554	LECT-DISC	£ H1	4	M W F	142	ADMIN

5	RHET	108 CONTI	NUED					
RHET	108	77593	LECT-DISC	£ J 1	9-1030	TU TH	142	ADMIN
RHET	108	77604	LECT-DISC	& J2	9-1030	TU TH	252	ADMIN
RHET	108	77611	LECT-DISC	£ J3	9-1030	TU TH	282	BEV HALL
RHET	108	77629	LECT-DISC	£K1	1030-12	TU TH	142	ADMIN
RHET	108	77636	LECT-DISC	&K2	1030-12	TU TH	252	ADMIN
RHET	108	77643	LEET-DISC	&K3	1030-12	TU TH	206	DKH
RHET	108	77651	LECT-DISC	٤01	11-1230	TU TH	137	ADMIN
RHET	108	77668	LECT-DISC	203	11-1230	TU TH	205	E B
RHET	108	77675	LECT-DISC	803	11-1230	TU TH	209	E B
RHET	108	77682	LECT-DISC	193	12-130	TU TH	252	ADMIN
RHET	108	77690	LECT-DISC	£Q2	12-130	TU TH	210A	
RHET	108	77701 77718	LECT-DISC	&U1 &U2	1-230 1-230	TU TH TU TH	282	BEV HALL
RHET	108	77725	LECT-DISC	£U3	1-230	TU TH	312	NL
RHET	108	77732	LECT-DISC	&U4	1-230	TU TH	108	SURV BLDG
RHET	108	77740	LECT-DISC	£ W1	2-330	TU TH	206	D K H
RHET	108	77757	LECT-DISC	£W2	2-330	TU TH	154	ADMIN
RHET	108	77764	LECT-DISC	£ Y 1	230-4	TU TH	282	BEV HALL
RHET	108	77771	LECT-DISC	5 Y 3	230-4	TU TH	109	N L
RHET	108	77789	LECT-DISC	£ Z 1	3-430	TU TH	312	N L
RHET	108	77796	LECT-DISC	8 Z 2	3-430	TU TH	108	SURV BLDG
RUSS	101	79061	LECT-DISC	X.3	12	MTUWTHE	120	COM W
RUSS	103	79570	LECT-DISC	33*	10	MTUWTHE	216	L H
SE ED	240	80547	LECT-DISC	₩ C NII	10	TU TH	1	EDUC
SE ED	249	80846	CONF	3	ARR	10 11		EDUC
SE ED	291	80853	CONF	3	ARR			
SE ED	292	80861	CONF	3	ARR			
0 2 2 5			0.0.1	_				
SOC W	316	81275	LECT-DISC	2.3	2	MWF	153	ASL
SOC	100	81923	QUIZ	6A.3	2	F	134	ARMORY
SOC	151	82128	QUIZ	6.30	3	TU TH	134	ARMORY
SOC SOC	151 290	82135 82612	QUIZ	& 20 & A	ARR	TU TH	300	LH
200	290	02012	COMP	G A	AKK			
SPAN	103	84168	LECT-DISC	8.3	9	TUWTHE	4	G H
SPAN	104	84232	LECT-DISC	2.3	10	TUWTHE	154	ADMIN
SPAN	291	84563	CONF	A.3	ARR			
SPCH	101	85641	LECT-DISC		2	M W F	262	ARMORY
SPCH	111	86411	DISC	٤F4	2	MWF	143	A H
SPCH	112	86501	DISC	E.G	3	M W E	148	ARMORY
SPCH	141	86735	LECT-DISC		2	M W F	255	ARMORY
SPCH	198	86952	LECT-DISC	£ C	10	M W F	1205	W OREGON
SPCH	198	86960	LECT-DISC	3.3	1	M W F	1205	w OREGON
ZOOL	303	91565	CONF	E.A	ARR			
2000	303	,1,00	0.011	4.4				

360 COM W

# COURSES FOR UNDERGRADUATES

ACCY	101 PF	RINCIPLES OF	ACCOUNT	ING I.		
	3 HOURS	5			CHOLAD C AND	OTHER HONOR
	STUDENT	IS.	JI UPEN	TU JAMES 3	SCHULAR S AND	OTHER HUNDR
	#SECTIO ASSISTA					QUIRE SPECIAL OTHERS ON A
		AVAILABLE BAS				RATORY MEETING
	MAY BE 00018	SCHEDULED AS LECT+DISC	S NEEDED	) <b>.</b>	M W F	322 D K H
	00025	LECT-DISC	В	9	M W F	322 D K H
	00267	LECT-DISC	*&C *&D1	10	M W F	322 D K H 322 D K H
	00274	LECT-DISC	*D2	11	M W F	152 COM W
	00032	LECT-DISC	X	12	M W F	152 COM W
	00040 00057	LECT-DISC	E F	1 2	M W F	322 D K H 322 D K H
	00064	LECT-DISC	G1	3	M W F	322 D K H
	00071	LECT-DISC LECT-DISC	G2 H1	3	M W F	215 D K H 322 D K H
	00096	LECT-DISC	H2	4	M W F	215 D K H
	00107	LECT-DISC	L1 L2	8-930 8-930	TU TH TU TH	322 D K H 108 D K H
	00121	LECT-DISC	L3	8-930	TU TH	115 D K H
	00139 00146	LECT-DISC	M 1 M2	930-11 930-11	TU TH TU TH	322 D K H 108 D K H
	00153	LECT-DISC	M3	930-11	TU TH	115 D K H
	00161 00178	LECT-DISC	M 4 N	930-11 1030-12	TU TH TU TH	431 ARMORY 240 COM W
	00185	LECT-DISC	P 1	11-1230	TU TH	322 D K H
	00192	LECT-DISC LECT-DISC	P2 P3	11-1230 11-1230	TU TH TU TH	108 DKH 115 DKH
	00211	LECT-DISC	Q1	1230-2	TU TH	322 D K H
	00228	LECT-DISC LECT-DISC	Q2 Q3	1230-2 1230-2	TU TH TU TH	108 DKH
	00242	LECT-DISC	S	2-330	TU TH	322 D K H
	00250	LECT-DISC	T	330-5	TU TH	322 DKH
ACCY	105 PF	RINCIPLES OF	ACCOUNT	INC II		
4001	PREREQU	JISITE: ACCY.		1140 114		
	3 HOURS	LECT-DISC	Α	8	M W F	215 D K H
	00300	LECT-DISC	В	9	M W F	215 D K H
	00317	LECT-DISC	C	10	M W F	215 DKH 215 DKH
	00331	LECT-DISC	X	12		
	00349				M W E	215 D K H
	00356	LECT-DISC LECT-DISC	E F	1 2	M W F M W F	215 D K H 215 D K H 215 D K H
	00356			1	M W F	215 D K H
ACCY			F	1 2	M W F	215 D K H
ACCY	108 IN	NTERMEDIATE A	F ACCOUNTI	1 2	M W F	215 D K H 215 D K H
ACCY	108 IN PREREQU 3 HOURS *SECTIO	LECT-DISC  NTERMEDIATE A  JISITE: ONE Y  ON &D OPEN TO	F ACCOUNTI YEAR OF D JAMES	1 2 NG. ACCOUNTANC SCHOLARS A	M W F M W F	215 D K H 215 D K H RE STANDING.
ACCY	108 IN PREREQU 3 HOURS *SECTIO	NTERMEDIATE A  JISITE: ONE V  ON & D OPEN TO  ON F IS DESIGN	F ACCOUNTI YEAR OF D JAMES GNED FOR	1 2 NG. ACCOUNTANC SCHOLARS A STUDENTS	M W F M W F  Y, SOPHOMOR  IND OTHER HO WHO MAY REG	215 D K H 215 D K H RE STANDING. DINOR STUDENTS.
ACCY	PREREQUES A HOURS *SECTION *SECTION *SECTION *SECTION *SECTION *SPACE *A SSISTA*	NTERMEDIATE AUTORITION OF THE DESIGNATION OF THE DE	F ACCOUNTI YEAR OF O JAMES GNED FOR OPEN TO SIS. A	1 2 NG. ACCOUNTANC SCHOLARS A STUDENTS 3 SEOP STUD ONE-HOUR W	M W F M W F  Y, SOPHOMOR  IND OTHER HO WHO MAY RES	215 D K H 215 D K H RE STANDING.
ACCY	PREREQUES HOURS SECTION ASSISTA	NTERMEDIATE // ISITE: ONE // SON &D OPEN TO ON F IS DESIGNACE. IT IS VALLABLE BAS SCHEOULED AS	F ACCOUNTI YEAR OF O JAMES GNED FOR OPEN TO SIS. A	1 2 NG. ACCOUNTANC SCHOLARS A STUDENTS SEOP STUD SEOP STUD	M W F M W F  TY, SOPHOMORE  AND OTHER HO WHO MAY RES BENTS AND TO SEEKLY LABOR	215 D K H 215 D K H RE STANDING. DINOR STUDENTS. DIVIRE SPECIAL DOTHERS ON A RATORY MEETING
ACCY	PREREQUES HOURS SECTION ASSISTATE SPACE AMAY BE 00363 00371	NTERMEDIATE // ISITE: ONE // SON &D OPEN TO NO F IS DESIGN NCE. IT IS VAILABLE BAS SCHEDULED AS LECT-DISC	ACCOUNTI YEAR OF O JAMES GNED FOR OPEN TO SIS. A S NEEDED A	1 2 2 SING. ACCOUNTANC SCHOLARS ACCOUNTANC STUDENTS STUDENTS ONE-HOUR W	M W F M W F  TY, SOPHOMOR  AND OTHER HO WHO MAY REG ENTS AND TO SEEKLY LABOR  M W F M W F	215 D K H 215 D K H 215 D K H 2100R STUDENTS. 2010R SPECIAL 10 OTHERS ON A 24ATORY MEETING 108 D K H
ACCY	108 IN PREREQUA 3 HOURS *SECTIO *SECTIO ASSISTA SPACE A MAY BE 00363 00371 00388	NTERMEDIATE A DISITE: ONE Y S S ON & DO OPEN TO NO F IS DESIGNATE. IT IS VAILABLE BA'S CHEOULED AS LECT-DISC LECT-DISC	ACCOUNTI YEAR OF D JAMES GNED FOR OPEN TO SIS. A S NEEDED A B C	1 2 NG. ACCOUNTANC SCHOLARS A STUDENTS SEOP STUD ONE-HOUR W 9 10	M W F M W F  NO OTHER HO WHO MAY REG ENTS AND TO IEEKLY LABOR M W F M W F	215 D K H 215 D K H 215 D K H 215 D K H  RE STANDING.  RESTANDING.
ACCY	108 IN PREREQUATION OF THE PRESENT O	NTERMEDIATE / DISITE: ONE NO SON &D OPEN TO NO F IS DESIGNATED AS LECT-DISC	ACCOUNTI YEAR OF D JAMES GNED FOR OPEN TO SIS. A S NEEDED A B C *&D	1 2 2 SCHOLARS A STUDENTS ONE-HOUR & 9 10 11 1	M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F	215 D K H 215 D K H 215 D K H 215 D K H  RE STANDING.  DIOR STUDENTS. UITRE SPECIAL DIOTHERS ON A RATORY MEETING 108 D K H
ACCY	108 IN PREREQUE 3 HOUR: *SECTIC *ASSISTA SPACE A MAY BE 00363 00371 00388 00413	NTERMEDIATE / JISITE: ONE Y S DN &D OPEN TO NN F IS DESIGNACE. IT IS SCHEDULED AS LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	ACCOUNTI YEAR OF O JAMES SNED FOR OPEN TO SIS. A S NEEDED A B C *&D	1 2 2 STORMAN ACCOUNTANC SCHOLARS A STUDENTS ONE-HOUR W 9 9 11 10 11 11 11 11 11 11 11 11 11 11 11	M W F M W F M W F  NO OTHER HO WHO MAY REQ ENTS AND TO KEEKLY LABOR M W F M W F M W F M W F M W F	215 D K H 215 D K H 215 D K H 215 D K H 216 STANDING.  DIOR STUDENTS.  DIVER SPECIAL 20 THERS DN A LATORY MEETING  108 D K H 108 D K H 108 D K H 108 D K H
ACCY	108 IM PREREQUE 3 HOURS *SECTIC *SECTIC *SECTIC *ASSISTA SPACE A MAY BE 00363 00371 00388 00413 00395 00421	NTERMEDIATE / ISITE: ONE Y S NO &D OPEN TO NO F IS DESIGNATE BAS SCHEDULED AS LECT-DISC	F ACCOUNTI YEAR OF D JAMES SNED FOR OPEN TO SIS. A S NEEDED A B C *ED *F	1 2 2 STORE STATE OF	M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F	215 D K H 215 D K H 215 D K H  RE STANDING.  RIVERS SPECIAL OTHERS ON A RATORY MEETING  108 D K H
ACCY	108 IN PREREQUE 3 HOURS *SECTIG *SECTIG *ASSISTA SPACE A MAY BE 00363 00371 00388 00413 00395 00421 00406	NTERMEDIATE / ISITE: ONE Y S NO &D OPEN TO NO F IS DESIGNATE BAS SCHEDULED AS LECT-DISC	ACCOUNTI YEAR OF D JAMES SYNED FOR OPEN TO SIS. A B C *&D E *F G	1 2 2 STORE STATE OF	M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F	215 D K H 215 D K H 215 D K H  RE STANDING.  RESTANDING.  RESTANDING.
	108 IM PREREQL 3 HOURS *SECTIC *SECTIC *SECTIC *ASSISTA SPACE A MAY BE 00363 00371 00388 00413 00395 00421 00406	NTERMEDIATE / SISTITE: ONE Y SISTITE: ACCYY SISTITE: ACCYY	ACCOUNTINEAR OF ACCOUNTINEAR OF ACCOUNTINEAR OF ACCOUNTINEAR OF ACCOUNTINEAR ACCOUN	1 2 2 STORM SERVICE SCHOLARS AS STUDENTS SEOP STUDENTS ONE-HOUR W	M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F M W F	215 D K H 215 D K H 215 D K H  RE STANDING.  RESTANDING.  RESTANDING.
	108 IM PREREQU 3 HOURS *SECTIC *SECTIC *SECTIC *ASSISTA SPACE A MAY BE 00363 00371 00388 00413 00395 00421 00406	NTERMEDIATE / NISITE: ONE Y S NO &D OPEN TO NO F IS DESIGN NCE. IT IS NVAILABLE BA'S CHEDULED AS LECT-DISC	ACCOUNTILYEAR OF O JAMES O DAMES OPEN TO SIS. A S NEEDED A B C **ED E **F G	1 2 2 SING. ACCOUNTANCE SCHOLARS A STUDENTS O SEOP STUDENTS ONE-HOUR W 9 10 11 1 2 3	M W F M W F M W F NO OTHER HO WHO MAY REC FEEKLY LABOR M W F M W F M W F M W F M W F M W F M W F M W F	215 D K H 215 D K H 215 D K H 215 D K H 216 D K H 217 D K H 218 D K H
	108 IN PREREQU 3 HOURS *SECTIG *SECTIG *ASSISTA SPACE A MAY BE 00363 00371 00388 00413 00395 00421 00406	NTERMEDIATE / DISITE: ONE YOU DISITE: ONE YOU NO F IS DESIGNACE. IT IS SCHEDULED AS LECT-DISC LE	F ACCOUNTII YEAR OF O JAMES SNED FOR OPEN TO A S NEEDED A B C *E G *F G *I	1 2 2 SING. ACCOUNTANCE SCHOLARS A STUDENTS SEOP STUDENTS ONE-HOUR W 9 10 11 1 2 3 3	M W F M W F M W F NO OTHER HO WHO MAY REG ENTS AND TO KEEKLY LABOR M W F M W F M W F M W F M W F M W F M W F M W F	215 D K H 215 D K H 215 D K H 215 D K H  RE STANDING.

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ACCY 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*O TO 9 HOURS

00460 LECT-DISC M 9-1030 TU TH 30 COM W
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# COURSES FOR ADVANCED UNDERGRADUATES

		COOR	(SES FUR	AUVANLED	UNDER	GR AU UA	155		
ACCY	3 HOURS	OMMERCE STO	DENTS OF	VLY.					
	00510 00527	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	X E	8 9 10 11 12 1 2	M W W W W M W W W W		115 115 115 115	D K H D K H D K H D K H	
	00541	LECT-DISC	G	3	M W	F	115	DKH	
ACCY		ENTARY AND ITE: JUNIOR IT OF THE HE	STANDI	NG , GENERA	AL UNI		Y AVE	RAGE OF 3.	,5,
		LECT-DISC	D	11-1230	M W	F	24	COM W	
ACCY	221 CURR PRÉREQUIS 2 HOURS	ENT ACCOUNT		ics.					
	00566	LECT-DISC	Ł M	8-930 930-11	TU T	Н	215 215	D K H D K H	
ACCY	PREREQUIS	C FEDERAL I	105.						
	00581 00598 00609 00616 00623 00631 00648	LECT LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	1 2 P Q R S T	10 11 11 12 1 2 3	M W W TU T TU T TU T TU T TU T TU T	H H	215	COM W COM W D K H D K H D K H D K H	
ACCY	PREREQUIS	ITE: CUMULA AR OR CONSE URS	TIVE GR	NSTRUCTOR.					IN
		C OUR SE S	FOR ADV	ANCED UND	RGRAD	UATES	AND G	GRADUATES	
ACCY	BETTER IN	NCED ACCOUNTE: ACCY. PRECEDING R 3/4 UNIT	166 AND				OR		
	*CECTION	EEI OPEN TO LECT-DISC LECT-DISC LECT-DISC * LECT-DISC * LECT-DISC	JAMES S B *&E1 E2 F	SCHOLAPS A 8 9 1 1 2	TO ONZ	HER HO	240 240 24 152 152	COM W COM W COM W COM W COM W COM W	
ACCY	325 ACCO PREREQUIS 3 HOURS O	ITE: C. S.	105, OR	ITS EQUIV					
	3 HOURS 0 00712 00720 00737	LECT-DISC LECT-DISC	A B C	8 9 10	M W	F	152	COM W	

ACCY 341 GOVERNMENTAL ACCOUNTING.

PREREQUISITE: ACCY. 108.
2 HOURS OR 1/2 UNIT

00744 LECT-DISC R 1 TU TH 152 COM W

ACCY	PREREQUI 3 HOURS	INESS BUDGET SITE: NINE F OR 3/4 UNIT	HOURS OF	ACCOUNTA	NCY. INCLUD		
	00751	LECT-DISC	E	1	M W F	240 C	W MC
ACCY	366 ADV PREREQUI	ANCED COST A SITE: NINE F OR 1/2 UNIT	ACCOUNTING	G. ACCOUNTA	NCY, INCLUD	ING ACCY	r. 166.
	00769	LECT-DISC	N 10:	30-12	ти тн	30 CC	DM W
ACCY	371 AUD PREREQUI	ITING. SITE: ACCY. OR 3/4 UNIT LECT LECT-DISC LECT-DISC LECT-DISC LECT-DISC	308.				
	00776	LECT	1	10-12	F	240 CC	JM W
	00783	LECT-DISC	L	8	TU TH	24 CC	W MC
	00791	LECT-DISC	M N	9	TU TH	24 ((	JM W
	00819	LECT-DISC	P	11	TU TH	24 00	W MC
ACCY	372 AUD PREREQUI	SITE . ACCV.	3.71				
	00826	1 FC T-DISC	1	8-930	TU TH	152 00	OM W
	00833	OR 3/4 UNIT LECT-DISC LECT-DISC	M 9:	30-11	TU TH	152 CC	DM W
ACCY	377 ADV PREREQUI	SITE: SENIOR	STANDING	G. CREDI	T OR REGISTA	RATION I	N ACCY. 371.
	00841	LECT-DISC	Α	8	M W F	30 CC	am w
	00858	LECT-DISC	В	9	M W F	30 CC	M W
	00865	LECT-DISC	C 1	10	MWF	30 CC	W MC
	00872	1 FCT-DISC	F :	1	M W F	219 D	K H
	00897	OR 1 UNIT LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	F	2	M W F	24 C	
			COURS	SES FOR (	GRADUATES		
ACCY	461 ADM	INISTRATIVE	ACCOUNTI				
	00908	LECT-DISC		2-4	TU	152 CC	IM W
ACCY	PREREQUI STUDENT® EQUIVALE	S BACKGROUND	ERGRADUAT IN STATI	STICS AF	ND MATHEMATI (REMENTS OF	CS SHOU	F I COLLEGE
	00915	LECT-DISC LECT-DISC	F1	2-4	W	240 CC 240 CC	M M
	00922	LECT-DISC	F2	2-4	F	240 CC	M W
ACCY	1 UNIT	OME TAX DEVE					
	00930	LECT-DISC		2-4	ТН	152 CC	IM W
ACCY	1 UNIT	CEPTS AND PR			м	240 CC	NM 11
	00954	LECT-DISC	S	2-4	М		IM W
ACCY	483 INC 1 UNIT	OME DETERMIN	ATION.				
	00961	LECT-DISC		2-4	W	30 C	DM W
ACCY	1/4 TO 2	CIAL RESEARC UNITS CONF					
	00979	CONF	ARF	4-6	М	Z40 CC	JM W

ACCY 499 THESIS RESEARCH.
0 TO 4 UNITS 00986 DISC 240 COM W 4-6 ACCY 501 ACCUON.

3/4 UNIT

LECT-DISC ACCOUNTING ANALYSIS, I. TU TH 2-4 30 COM W MANAGERIAL ACCOUNTING. ACCY 503 PREREQUISITE: CREDIT OR REGISTRATION IN ACCY. 501 OR EQUIVALENT. 1 UNIT 01006 LEC T-DISC 2-4 М F 30 COM W ACCY 566 AC ACCOUNTING PROBLEMS OF INDUSTRIAL MANAGEMENT. 01013 LECT-DISC 4-6 TU 152 COM W 4 METHODS AND PRACTICES IN PROFESSIONAL RESEARCH.
PREREQUISITE: CANDIDACY FOR M.A.S. DEGREE. 1 UNIT ADVERTISING DEPARTMENT OFFICE 103 G H COURSES FOR ADVANCED UNDERGRADUATES ADV INTRODUCTION TO ADVERTISING. 281 INT 3 HOURS M W F M W F M W F 01045 LECT-DISC M 18 G H LECT-DISC D
LECT-DISC D
LECT-DISC D 01052 9 G ∄ 43 01060 10 43 GH 01077 43 LECT-DISC E 1
LECT-DISC E 2
LECT-DISC F 2
LECT-DISC F 2
LECT-DISC G 3
LECT-DISC J 830-10 11 G H 01084 М E 43 01091 M E 113 01102 M E 43 01110 43 М £ TU TH 01127 43

ADV 288 SALES WRITING.

SAME AS RHET. 271.

PREREQUISITE: RHET. 102 OR EQUIVALENT.

2 HOURS

01134 LECT-DISC C 10 M W

01141 LECT-DISC M 9 TU TH

01159 LECT-DISC P 11 TU TH

ADV 291 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
2 OR 3 HOURS
01166 CONF ARR

STAFF

326 D K H 326 D K H 326 D K H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ADV 309 PUBLIC RELATIONS.

PREREQUISITE; SENIOR STANDING IN THE COLLEGE OF COMMUNICATIONS AND CONSENT OF DEPARTMENT.

3 HOURS OR 1/2 UNIT
01173 LECT-01SC 1 M W F 221 G H

ADV	381 ADVERTISING RESEARCH METHODS.  PREREQUISITE: ADV. 281, A BASIC COURSE IN STATISTICAL METHODS, AND CONSENT OF DEPARTMENT. 3 HOURS OR 1/2 UNIT	
	*SECTION B1 IS FOR ADVERTISING MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION B2.	
	O1181 LECT-DISC *B1 9 M W F 18 G H O1198 LECT-DISC *B2 9 M W F 18 G H	STEILEN
ADV	382 ADVERTISING CREATIVE STRATEGY. PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT. 3 HOURS OR 1/2 UNIT	
	01209 LECT C 10 M W 223 G H 01216 LAB C1 1-3 M 18 G H 01223 LAB C2 3-5 TU 18 G H 01231 LAB C3 1-3 TH 18 G H 01248 LAB C4 10-12 F 18 G H	WHITE
	01255 LECT M 10 TU TH 215 G H 01262 LAB M1 1-3 TU 18 G H 01270 LAB M2 1-3 W 18 G H	KITSON
ADV	383 ADVERTISING MEDIA POLICY AND STRATEGY.  PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.  3 HOURS OR 1/2 UNIT	
	01287	BARBAN BARBAN
ADV	384 ADVERTISING CAMPAIGNS. PREREQUISITE: ADV. 382, AND 383 AND CONSENT OF DEPARTMENT. 3 HOURS OR 1/2 UNIT	
	*SECTIONS A1 AND D1 ARE FOR ADVERTISING MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2 AND 02.  COST OF MATERIALS WILL BE APPROXIMATELY \$10.00 PER STUDENT.  01312 LECT-DISC *A1 8 M W F 43 G H	KITSON
	01320 LECT-DISC *A2 8 M W F 43 G H 01337 LECT-DISC *D1 11 M W F 215 G H 01344 LECT-DISC *D2 11 M W F 215 G H	KITSON
ADV	387 ADVERTISING AND PROMOTION MANAGEMENT. PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT. 3 HOURS OR 1/2 UNIT	
	01351 LECT-DISC A 8 M W F 113 G H 01369 LECT-DISC C 10 M W F 221 G H	WEDDING WEDDING
ADV	388 ADVERTISING IN CONTEMPORARY SOCIETY.  PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT.  *GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388  AND 481.  *2 HOURS OR 1/2 UNIT  01376 LECT-DISC M 9 TU TH 123 G H	
	01383 LECT-DISC N 10 M W 123 G H 01391 LECT-DISC P 11 TU TH 18 G H	
ADV	389 INTERNATIONAL ADVERTISING AND PROMOTION. PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT. 3 HOURS OR 1/2 UNIT	
	01401 LECT-DISC 9 M W F 123 G H	DUNN
ADV	390 ADVANCED CREATIVE STRATEGY. PREREQUISITE: ADV. 382 AND CONSENT OF DEPARTMENT. 2 HOURS OR 1/2 UNIT	
	01419 LECT-DISC 9-11 TU TH 18 G H	MHITE
	COURSES FOR GRADUATES	
ADV	481 ADVANCED ADVERTISING PRINCIPLES.  SAME AS COMM. 481.  *GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388  AND 481.  *1 UNIT	
	01426 LECT-DISC 3-5 W 123 G H	WEDDING

ADV 482 RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS.

SAME AS COMM. 482.

PERREQUISITE: A BASIC COURSE IN STATISTICAL METHODS.

1 UNIT
01433 LECT-DISC 1-3 TU 123 G H

ADV 484 ADVERTISING AND CONSUMER BEHAVIOR.
1 UNIT
01441 LECT-DISC 3-5 TU 123 G H

BARBAN

ADV 490 SPECIAL TOPICS IN ADVERTISING.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
1/2 OR 1 UNIT
01458 CONF ARR STAFF

ADV 499 THESIS RESEARCH.

PREREQUISITE: GRADUATE STANDING IN ADVERTISING.
1 OR 2 UNITS
01465 CONF ARR

65 CONF ARR STAFF

### AERONAUTICAL AND ASTRONAUTICAL ENGINEERING

DEPARTMENT OFFICE 101 T B

# COURSES FOR UNDERGRADUATES

A A E 199 UNDERGRADUATE OPEN SEMINAR.
\*\*MAY BE REPEATED.
\*\*0 TO 9 HOURS
01472 CONF A ARR

### COURSES FOR ADVANCED UNDERGRADUATES

Δ	Δ	F	212 AER	ODYNAMICS.	t.								
				SITE: M. E.		. Д.	M. 15	6+ CRE	TIC	OR REG	IS	TR A	TION
			01480	LECT-DISC	Δ	9		MEJW	F	160	14	F	В
				LECT-DISC						204			
			01508	LECT-DISC	C.	1		MITUW	F	103	Т	В	
				LECT-DISC		3		MTUW					
Δ	Δ	Е	213 AER	ODYNAMICS,	11.								
			PREREQUI 4 HOURS	SITE: A. A.	E. 212								
			01522	LECT-DISC	A	9		MTUW	F	103	T	В	
			01530	LECT-DISC	8	1		MTUW	F	204	Ŧ	В	
Α	Α	Е	224 FLI	GHT STRUCTU	RES, I.								
			4 HOURS	SITE: T. A.		AND	MATH.						
			01547	LECT-DISC	А	11				103			
			01554	LECT-DISC	В	10				141			
			01561	LECT-DISC	С	2		MTUW	F	103	T	В	
Δ	Δ	Ε	225 FLI										
			4 HOURS	SITE: A. A.							_		
				LECT-DISC						203			
			01586	LECT-DISC	В	2		MTUW	F	160	М	E	В
Α	Α	Ε	233 AIR										
			3 HOURS	SITE: A. A.									
			01593	LECT-DISC	Α	8				103			
			01604	LECT-DISC	В	10		M W	4	203	T	В	

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FLIGHT VEHICLE DESIGN.
A A E 241
                               PREREQUISITE: A. A. E. 213, 225, 233, 255, C. S. 101.
                              3 HOURS
                                                       LECT-DISC A
LECT-DISC B
B
LECT-DISC C
                                                                                                                                                                                                214 C E R
203 T B
103 T B
204 T B
                                                                                                                               3-5
                                                                                                                                                     TU TH
                        01611
                                                                                                                            10-12
3-5 M W
                                                                                                                             10-12
                                                                                                                                                        TU TH
                                                                                                                                                                                             214 C E R
203 T B
214 C E R
                                                         LECT-DISC C 1-3 TU TH C 8-10 S LECT-DISC D 8-10 TU TH S
                        01636
                       01643
                            AEROSPACE DYNAMIC SYSTEMS, I.
PREREQUISITE: MATH. 345 OR 349.
A A E 254
                              3 HOURS
                                                                                                                          10 M W F
2 M W F
8 M W F
11 M W F
                       01651
01668
                                                                                                                                                                                                214 C E R
214 C E R
214 C E R
                                                           LECT-DISC A 10
                                                          LECT-DISC B
                        01675
                       01682 LECT-DISC D
                                                                                                                                                                                                                 CER
                                                                                                                                                                                                  214
                                          AEROSPACE DYNAMIC SYSTEMS, II.
A A E 255
                      PREREQUISITE: A. A. E. 254.
                            4 HOURS
                       4 HUURS
01690 LECT-DISC A 10 MTUW F 103 T 8
01701 LECT-DISC B 8 MTUW F 204 T B
                             AEROSPACE LABORATORY, I.
PREREQUISITE: A. A. E. 213, 225, 233 AND 255.
A A E 260
                              2 HOURS
                                                                                                                           2 TU
3-5 M
2 TU
2 TU
2 TU
3-5 W
2 TU
3-5 W
1 TH
3-5 M
1 TH
3-5 TU
1 TH
                        01718
                                                             LECT-DISC L 1
                                                                                                                                                              TU
                                                                                                                                                                                                204 T B
104 AERO LAB B
204 T B
104 AERO LAB B
                                                                                                                               2
                                                          LAB
LECT-DISC L 2
                       01725
                                                         LECT-DISC L 2 3-5 TU 104

LAB L 2 3-5 TU 104

LECT-DISC L 3 2 TU 204

LAB L 3 3-5 W 104

LECT-DISC L 4 2 TU 204

LAB L 4 3-5 TH 104

LECT-DISC L 5 1 TH 204

LAB L 5 3-5 M 104

LECT-DISC L 6 1 TH 204

LAB L 6 3-5 TU 104

LECT-DISC L 7 1 TH 204

LAB L 7 3-5 W 104

LECT-DISC L 8 1 TH 204

LAB L 8 3-5 TU 104

LECT-DISC L 8 1 TH 204

LAB L 9 3-5 TH 104

LECT-DISC L 9 2 TH 204

LAB L 9 3-5 TU 104

LECT-DISC L 10 2 TH 204

LECT-DISC L 10 2 TH 204

LECT-DISC L 11 2 TH 204

LECT-DISC L 11 2 TH 204

LAB L 9 3-5 TU 104

LECT-DISC L 11 2 TH 204

LECT-DISC L 11 2 TH 204

LAB L 10 3-5 TU 104

LECT-DISC L 11 2 TH 204

LAB L 10 3-5 TU 104

LECT-DISC L 11 2 TH 204

LAB L 10 3-5 TU 104

LECT-DISC L 11 2 TH 204

LAB L 11 3-5 W 104

LECT-DISC L 11 2 TH 204

LAB L 11 3-5 TH 204
                       01732
                                                                                                                                                                                                             T B
AERO LAB B
                       01740
                                                                                                                                                                                                             T B
AERO LAB B
                       01757
                                                                                                                                                                                                              T 8
AERO LAB E
                                                                                                                                                                                                             T B
AERO LAB B
T B
AERO LAB B
                       01764
                       01771
                                                                                                                                                                                                              T B
AERO LAB B
                       01789
                                                                                                                                                                                                104 AERO LAB B
204 T B
104 AERO LAB B
204 T B
104 AERO LAB B
204 T B
104 AERO LAB B
                       01796
                       01807
                       01814
                                                LECT-DISC
                      01821
                                                                                                                                                                                                              T B
AFRO LAB B
A A E 263 AEROSPACE LABORATORY, II.
                        PREREQUISITE: A. A. E. 260.
                             2 HOURS
                       01839
                                                          LAB
                                           PRINCIPLES OF AUTOMATIC CONTROL.
                       PREREQUISITE: MATH. 345 OR 349.
                            3 HOURS
LBCT-DISC A 9 M W F
                      01846
                                                                                                                                                                                            214 C E R
A A E 292 SEMINAR.
                            PREREQUISITE: SENIOR STANDING.
                     | HOUR | 1 HOUR | 1 HOUR | 1 HOUR | 1 HOUR | 2 HOUR | 2 HOUR | 1 HOUR | 2 H
                             1 HOUR
                                                                                                                                       TU
                                                                                                                                                                                                 203 T B
204 T B
204 T B
                                                                                                                                                                                                204
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TU
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                                                                                                                                                             TH
TH
TH
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204 T B
203 T B
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A A E 296 HONDRS PROJECT.

PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR. 1 TO 4 HOURS A 01935 CONE ARR 7 HONORS SEMINAR. PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR. A A E 297 1 TO 4 HOURS A 01942 CONF ARR COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES A A E 306 FOUNDATIONS OF MECHANICS AND GRAVITATIONAL THEORY. SAME AS ASTR. 306.
PREREQUISITE: MATH. 142 OR 143. 3 HOURS OR 1 UNIT 01950 LECT M W F 160 M E B AVNER 1.1 AERODYNAMICS OF COMPRESSIBLE FLUIDS. A A E 311 PREREQUISITE: A. A. E. 213.
3 HOURS, OR 3/4 OR 1 UNIT
01967 LECT-DISC A 3-430 M W 202 T B ORMSBEE A A E 317 ELEMENTS OF MAGNETOHYDRODYNAMICS. SAME AS ASTR. 317.
PREREQUISITE: A. A. E. 212 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 01974 LECT-DISC A 203 T B BOND THEORY OF CONTINUOUS MEDIA. PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT LECT-DISC A 8 M W F 203 T B 01981 HILTON A A E 334 ROCKET PROPULSION AND ROCKETRY. PREREQUISITE: FIRST COURSE IN THERMODYNAMICS OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT LECT-DISC A 1 01999 M W F 214 C E R KRIER 1 AEROELASTICITY AND AEROINELASTICITY.
PREREQUISITE: A. A. E. 255.
3 HOURS OR 1 UNIT A A E 351 02001 LECT-DISC A 1-230 TU TH 202 T B 7 A K

. SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING IN ENGINEERING, CONSENT OF A A E 391 INSTRUCTOR . 2 TO 4 HOURS, OR 1/2 OR 1 UNIT 02019 LECT-DISC A ARR 02026 LAB B ARR 02033 LECT-DISC C 3-STAFF

COURSES FOR GRADUATES

3-430 TU TH 103 T B

STAFF

SENTMAN

VAN TASSELL

BOUNDARY LAYER THEORY. PREREQUISITE: A. A. E. 213. 1 UNIT 02041 LECT-DISC A 1 M W F 202 T B

YEN

A A E 417 FUNDAMENTALS OF GAS KINETICS. PREREQUISITE: A. A. E. 213 OR EQUIVALENT OR CONSENT OF INSTRUCTOR. 1 UNIT 2 M W F 204 T B 02058 LECT-DISC A

THEORY OF LARGE DEFORMATIONS IN NONLINEAR CONTINUOUS MEDIA. A A E 428 PREREQUISITE: A. A. E. 326 OR EQUIVALENT. 

HILTON

A A E 438 FUNDAMENTALS OF COMBUSTION.
SAME AS M. E. 403.
PREREQUISITE: A. A. E. 213 OR M. E. 305. 1 UNIT 02072

LECT-DISC A 9 M W F 204 T B STREHLOW

A A E 452 STOCHASTIC STRUCTURAL DYNAMICS.

SAME AS T. A. M. 417.
PREREQUISITE: A. A. E. 255 OR T. A. M. 412, OR EQUIVALENT.

02080

1 UNIT LECT-DISC A 930-11 TU TH 203 T B

LIN

A A E 490

O SEMINAR. PREREQUISITE GRADUATE STANDING IN AERONAUTICAL AND ASTRONAUTICAL ENGINEERING.

O CREDIT

02097 C ONF F 103 T B SIVIER

SPECIAL PROBLEMS. A A E 493

1 OR 2 UNITS

A 02108 CONF ARR

A A E 499 THESIS RESEARCH.

O TO 4 UNITS A CEB HOB 02115 CONF ARR CONF APP 02122 02130 ARR 02147

CONF JAB BLH ARR 02154 CONF ARR 02161 CONF ннн ARR 02179 CONF HWK ARR 02186 CONF HK ARR CONF YKŁ ARR

02193 02204 CONF RWM ARR 02211 CONF AIO ARR CONF ARR 02229 JEP CONF 02236 RRR ARR CONF SNR ARR 02243 CONF LHS ARR 02251 CONF 02268 KRS ARR

CONF 02275 RAS ARR 02282 HSS ARR 02290 CONF WFV ARR 02301 02318 CONF SMY ARR ARZ ARR STAFE BOND BAR THEI BENNETT HICKS HILTON KNOEBEL KRIER LIN MCCLOY ORMSBEE PRUSSING REGL

ROSCOE SENTMAN SIVIER STREHLOW STILLWELL VAN TASSELL YEN ZAK

### AGRICULTURAL ECONOMICS

DEPARTMENT OFFICE

305 M H

### COURSES FOR UNDERGRADUATES

AG EC	100 IN	TRODUCTORY A	GRICU	LTURAL ECO	NOMICS	5 .					
	3 HOURS										
	02325		A	8	M		F	320	M H		
	02332	LECT-DISC	B1 B2	9	M M	W	F	W115 N107	TH		
	02357	LECT-DISC	Cl	10			F	N107	TH		
AG EC		DERGRADUATE	OPEN	SEMINAR.							
	*MAY BE	REPEATED.									
		A: COMMODIT	Y FUT	HRES TRADES	NG: TH	4F D F	2 V A	ND PRA	CTIC	E: 3 HOURS	¢ .
	02364		A	8	M					HALL	HIERONYMUS
	02371	CONF	В	ARR							
		COL	IR SE S	FOR ADVANCE	ED UNE	ERG	RAD	UATES			
AG EC	200 PR	OBLEMS IN AG	RICUL	TURAL ECONO	DMICS.						
		ISITE: MINIM									rs
		ATION, CONSE									
		C APPROVAL O									
	1 TO 5		4 31	COMP MINDY 3"	. 111112		or LC	IML FRI	JOLE	- COOKSE .	
	WORK MA	Y BE TAKEN I				CTS	5:				
		CULTURAL MAR		G AND PRICE	ES						
		ISTICAL ANAL MANAGEMENT		AND ECONOMI	100						
		L ORGANIZATI		AND ECUNUMI	162						
		CULTURAL LAW									
		CULTURAL POL		ND ECONOMIC	DEVE	LOP	MEN	T			
		CULTURAL FIN									
		IN &B IS OPEN I GRADE POINT									
		HER COURSES									1
	INSTRUC			20 021 41111		,,,,,		10 811		_ 0,	
	02396	CONF	Α	ARR							
	02407	CONF	В	ARR							
	02414	CONF	C	ARR ARR							
	02421	CONF	E	ARR							
	02446	CONF	F	ARR							
	02453	CONF	Ġ	ARR							
	02389	CONF	#&B	ARR							
AG EC	203 FA 2 HOURS	RM TAXATION.									
	02461	LECT-DISC	М	9	ŦU	J TH	4	144	BEV	HALL	KRAUSZ
	02478	LECT-DISC	Р	11	TU	J TH	1	242	BEV	HALL	KRAUSZ
AG EC		RM MANAGEMEN		0 00 5000	100						
		ISITE: AG. E RIPS, ESTIMA									
	3 HOURS		ILD L	AFERSEY 45							
	02485	LECT-DISC	Α	8	М	W	F	3165	МН		
	02492	LECT-DISC	В	9	M		F	316N			
	02503	LECT-DISC	С	10	М	W		313			
	02511	LECT-DISC	D	11	М	W	F	320	мн		
AG EC		RKETING OF A			DUCTS.						
	7 HOURS	RIP, ESTIMAT	ED EX	PENSE: \$3.							

M W F M W F M W F 313 M H 313 M H 313 M H

ROUSH ROUSH ROUSH

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ΑG	EC	301 ECO	NOMICS OF A	GRICULTUR	AL DEVELOR	PMENT.		
		PR ER EQUI	SITE: ECON.	103 OR 1	08.			
		02550	LECT-DISC	Α	8 1	4 W F	316N M H	THOMPSON & DUE
AG	EC	302 FIN	IANCING AGRI	CULTURE.				
				1.00 4110	103, OR 10	08.		
		02567	OR 3/4 OR LECT-DISC LECT-DISC	В	9 6	M W F	320 M H 320 M H	HOPK IN
		02717	LLOTOTOG		10		320 11 11	HOTHAIN
AG	EC	303 AGR			c op consi	ENT OF INC	TPUCTO	
		3 HOURS,	OR 3/4 OR	1 UNIT	11	4 LJ E	IN OCTUR.	HANNAH
		02581	LECT-DISC	E	1 1	4 W F	W115 T H 316S M H	KRAUSZ
AG	EC	PREREQUI	ICULTURAL P SITE: ECON.	108.				
		FIELD TR 3 HOURS,	IP, COST, \$ OR 3/4 OR	10.00. 1 UNIT				
		02600	LECT-DISC	M M	9 8-10	TU TH	316N M H 316N M H	SPITZE
AG	EC	318 LAN			ATES. ECON	N. 103 OR	108; FOR GRADUATES.	
		CONSENT	OF INSTRUCT	OR.				
		02617	LECT-DISC	F	2	M W F	316N M H	DOVRING
٨٥	5.0	324 FAR	" ORERATION					
AG	EC	PREREQUI	SITE: AG. E	C. 220.				
		3 HOURS,	OR 3/4 OR	1 UNIT	ISE, \$5.			
		02624	LECT-DISC	P P	11 10-12	TH	W115 T H W115 T H	VANARSDALL VANARSDALL
AG	EC	325 ADV PREREQUI	SITE . AC E	C 220				
		3 HOURS, 02631	OR 3/4 OR LECT-DISC	1 UNIT	11 N	1 W F	313 M H 320 M H	MUELLER
		02649	LECT-DISC	F	2 1	4 W F	320 M H	MUELLER
AG	EC	331 GRA	IN MARKETIN	IG •				
		PREREQUI	SITE: AG. E	C. 230 OR	AN ELEMEN	NTARY MARK	KETING COURSE.	
		3 HOURS, 02656	OR 3/4 OR LECT-DISC	1 UNIT	8-10	TU TH	313 M H	BROOKS AND
		02663	LECT-DISC	S	2-4	TU TH	313 M H 313 M H	HIERONYMUS
AG	EC	341 AGR	I CULTURAL F	CONOMICS	TATISTICS			
		DDCDCOUL	CITE . MATO	111 00 1	12 00 0011	FUAL CNIT		
		02671	LECT-DISC	В	9 1	M W F	313 M H	SCOTT
4.0	EC							
МО	EC	352 ECO SAM	E AS ECON. SITE: ECON.	352.			ISTOLIC TOD	
		3 HOURS,	OR 1/2 OR	1 UNIT	.08 UK CUN:	SENT OF IN	111 DKH	
		02688	FECI-DISC	L	8-10	10 18	III DKH	
AG	EC	370 FAM	ILY ECONOMI	CS.				
		PREREQUI		370. 102 OR 1	.08, A COUR	RSE IN APP	PLIED STATISTICS,	
		SENIOR S 3 HOURS,	OR 3/4 OR	1 UNIT				
		*SECTION MINIMUM	GRADE POINT	TO JAMES AVERAGE	SCHOLARS OF 4.0.	AND OTHER	R STUDENTS HAVING A	
		02695 02706	LECT	A *&B	3-430 3-430	TU TH	242 BEV HALL 242 BEV HALL	DUNSING DUNSING

#### COURSES FOR GRADUATES

ECONOMIC POLICIES AND PROGRAMS AFFECTING AGRICULTURE.
PREREQUISITE: ONE SEMESTER OF GRADUATE WORK OF CONSENT OF AG EC 405 INSTRUCTOR. 1 UNIT LECT-DISC M 830-10 TU TH 320 M H 02713 RESEARCH METHODOLOGY IN AGRICULTURAL ECONOMICS.
PREREQUISITE: ECON. 400 OR 401, OR A COURSE OF COMPARABLE LEVEL IN
THE BASIC FIELD RELATED TO THE STUDENTS RESEARCH. AG EC 406 1 UNIT 02721 LECT-DISC S 130-3 TU TH 316S M H AG EC 425 FARM MANAGEMENT PRINCIPLES. FIELD TRIP, ESTIMATED EXPENSE, \$8.
1 UNIT 02738 LECT-DISC N 10-12 TU TH 320 M H SCOTT 1 AGRICULTURAL STATISTICS.
PREREQUISITE: AN ELEMENTARY COURSE IN STATISTICS. AG EC 441 1 UNIT LECT-DISC D 11 M W F 316S M H 02745 SEMINAR IN FAMILY AND CONSUMPTION ECONOMICS.

SAME AS H. EC. 470.

PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN STATISTICS,

AG.EC. 370 OR CONSENT OF INSTRUCTOR. AG EC 470 1/2 OR 1 UNIT 02752 DISC 154 BEV HALL DUNSING SEMINAR AND SPECIAL TOPICS.
ALL GRADUATE STUDENTS MAJORING IN AGRICULTURAL ECONOMICS MUST
REGISTER IN THE NON-CREDIT SECTION OF THIS COURSE. AG EC 491 O TO 2 UNITS \*SECTION AIS FOR STUDENTS NOT ENROLLED FOR CREDIT.
\*SECTION BIS FOR STUDENTS RECEIVING INDIVIDUAL INSTRUCTION.
\*SECTION C IS FOR STUDENTS RECEIVING GROUP INSTRUCTION.

O TO 4 UNITS AG EC 499

02777

02784

02760 LECT-DISC \*A ARR

LECT-DISC +C

\*B

ARR

CONF

02791 CONF ARR STAFF

STAFF

STAFF

STAFF

# AGRICULTURAL ENGINEERING INCLUDING AGRICULTURAL MECHANIZATION

DEPARTMENT OFFICE

245 AGR ENG

# COURSES FOR UNDERGRADUATES

		C	UURSES FO	K UNDERGR	AUUATES			
AG E	146 FAR	M TRACTORS.						
AG L	PREREQUI	SITE: SOPHO		DING IN E	NGINEERING			
	2 HOURS 02802	LECT		В	TU TH	240	AGR ENG	HALL
	02810 02827	LAB	1 2	3-5 3-5	TU	132	AGR ENG AGR ENG	
	02827	LAB	2	3-5	111	132	AGR ENG	
AG F	199 UND	ER GRADUATE	OPEN SEMI	VAR.				
	*MAY BE	REPEATED.						
	*0 TO 9 02834	CONF	AR	2				STAFF
		COU	RSES FOR .	A DV ANCED	UNDERGRADU	ATES		
AG E	276 DES PREREQUI	IGN OF FARM SITE: T. A.		ES.				
	3 HOURS 02841	LECT		1	TU TH	240	AGR ENG	DAY
	02859	LAB	1	3-5	TH	209	AGR ENG	DAT
	02866	LAB	2	3-5	F	209	AGR ENG	
AG E	277 DES	IGN DE CONC	RETE AND	STEEL STR	UCTURES EO	R AGRI	CULTURE.	
AU L	PREREQUI	SITE: C. E.		JICCE JIK	00101123 1 0	N AUN	COCTONES	
	3 HOURS 02873	LECT			M W	218	AGR ENG	CURTIS
		LAB		1-3	F	218	AGR ENG	
AG E	286 ELE	CTRICITY IN	A CP I CHI TI	10 E				
NO L	PREREQUI	SITE: MATH.			YCS. 107.			
	2 HOURS 02881	LECT		3	M F			HALL
	02898	LAB-DISC LAB-DISC	1 2	1-3	W		AGR ENG	
	02,00	LAD DISC	2	3-7	"	241	AGR ENG	
AG E	296 HON							
	PREREQUI:		SCHOLAR	IN ENGINE	ERING; CON	SENT	F INSTRUCTOR.	
	02916	CONF	& ARI	₹				STAFF
AG E	299 UND PREREQUI:	SITE: AG. E		SENIOR S	TANDING IN	ENGIN	IEERING.	
	2 TO 4 H		A ARI					STAFF
	02931	CONF	&B AR					JIMII
		COURSES	FOR ADVA	NCED UNDE	R GR ADUATES	AND 0	GRADUATES	
AG E	311 INS	TRUMENTATIO	N AND MEA	SHIDEMENITS				
NO L	SAM	E AS M. E.	311.					
		SITE: SENIO OURS, OR 3/			NEERING OR	SCIE	ICE.	
	02948	LECT LAB	1	9 2-4	M W F		AGR ENG AGR ENG	YO ER GER
	02962	LAB	2	8-10	"тн	121	AGR ENG	
AG E		RODUCTION TO E AS AGRON.				, HORI	., AND	
	٧.	M. S. 340. SITE: MATH.						
	4 HOURS	OR 3/4 UNIT						0515
	02987	LECT LAB-DISC	1	9 1-3	TU	W223	T H T H	SEIF
	02994	LAB-DISC LAB-DISC	2	3-5 1-3	TU	W223 W223	T H	
	03014	LAB-DISC	4	3-5			T H	

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# AGRICULTURAL MECHANIZATION DEPARTMENT OF AGRICULTURAL ENGINEERING

# COURSES FOR HINDERGRADUATES

		(	COURSES	FOR UNDERG	RADUATES			
AG M				IONS IN AGR 112, 104 OR				
	03256 03263 03271 03288 03295	LECT LAB-DISC LAB-DISC LAB-DISC LAB-DISC	1 2 3 4	10 3-5 8-10 1-3 10-12	M F M TU TU W	132 AGR 132 AGR 132 AGR	ENG ENG ENG ENG	OLVER
AG M	*MAY BE	ERGRADUATE REPEATED.	OPEN S	EMINAR.				
	*0 TO 9 03306	CONF		ARR				STAFF
		COL	JRSES F	OR ADVANCED	UNDERGRADU	IATES		
AG M	PREREQUI	SITE: JUNIO	OR STAN	CS SHOP: CO DING, ENROL INSTRUCTOR	LED IN TEAC			
			*1	NTS ENROLLE 1-3		CE TEACHI VOC AGR S		ESPENSCHIED
AG M	PREREQUI	SITE: JUNIO	OR STAN	CS SHOP: EL DING, ENROL INSTRUCTOR	LED IN TEAC			
	03321	LECT LAB		3 3-5	M W	132 AGR VOC AGR S		ESPENSCHIED
AG M	PREREQUI	SITE: AG. M	1. 100.	NERY MANAGE		AG. M. 1	12.	
	03338 03345 03352	LECT-DISC LAB LAB	1 2	9 10-12 1-3	M W F TU TH	132 A GR	E NG E NG E NG	HOAG
AG M	PREREQUI	M MACHINERY SITE: AG. M IP, ESTIMAT	4. 221.					
	03360	LECT-DISC LAB		2 1-3	M W		E NG EN G	HUNT
AG M	PREREQUI	MSTEAD MECH SITE: AG. N						
	3 HOURS 03377 03384 03391	LECT LAB LAB	1 2	10 1-3 1-3	TU TH TU	221 AGR	ENG ENG ENG	HALL
	03371			DVANCED UND				
AG M	300 SPE	CIAL PROBLE						
	PREREQUI WRITTEN IS REQUI 1 TO 4 H	SITE: NOT ( CONSENT OF RED PRIOR T OURS, OR 1/	INSTRU INSTRU O ADVA 4 TO 1	STUDENTS O CTOR AND AU NCE ENROLLM UNIT	THORIZED DE ENT AND REG	PARTMENTA ISTRATION	L APPROVAL	
	MINIMUM	GRADE POINT ER COURSES	AVERA	MES SCHOLAR GE OF 4.0 A S DEPARTMEN	ND MAY BE T	AKEN IN C	ONJUNCTION	
	03402 03410	CONF	A *&B	ARR				STAFF

### AGRICULTURE

### COURSES FOR UNDERGRADUATES

AGR		RICULTURE I					
	1 HOUR		L3 TIVILIA 1				
	03427	LECT-DISC		1	TU	141 COM W	GARDNER
AGR	114 AG	RICULTURAL .	ICIIPMAI I	C M			
AGK	SA	ME AS JOURN		. Jiri e			
	3 HOURS 03434	LECT-DISC		10	TU TH	313 M H	EVANS
	03441	LAB	1	1	TH	442 M H	
	03459 03466	L AB	2	2	TH TH	442 M H 442 M H	
AGR	199 UN	DERGRADUATE	OPEN SE	MINAR.			
	*MAY BE *0 TO 9	REPEATED. HOURS					
	TOPIC:	FUNCTIONAL			OR 2 HOUR		
	03473 03481	CONF	A B	9	TU TH TU TH	3165 M H 218 AGR ENG	STAFF STAFF
	03498	CONF	C C 1	3	M W M W	316N M H 316S M H	STAFF
	03516	CONF	D	4	TU TH	316N M H	STAFF STAFF
	03523	CONF	D1 F	4 7-840P	TU TH M ■	3165 M H 316N M H	STAFF STAFF
	03331	00111	-	1 0401		31014 11 11	STATI
		CO	URSES FO	IR ADVANCE	D UNDERGRA	DUATES	
AGR	206 CO	OPERATIVE E	XTENSION	WORK.			
	PREREQU INSTRUC		114 AND	A COURSE	IN SOCIOL	DGY OR CONSENT D	F
	3 HOURS						
	03548	LECT-DISC		10 11	TU TH TH	316S M H 316S M H	ANDERSON AND KAISER
AGR	280 AG	RICULTURE J	JNI OR-SE	NIOR SEMI	NAR.		
	1 HOUR 03555	LECT-DISC		4	TH	W109 T H	WESSELS
	03333	Ecci bisc		7	***	W107 1 11	WESSEES
				AGRONO	MY		
	D	EPARTMENT O	FFICE			W201 T H	
			COURSES	FOR UNDER	GRADUATES		
4.50.04	101 111						
AGRON	PREREQU	TRODUCTORY : ISITE: CHEM.	. 101, 1	11, OR FO	RMER 102;	CREDIT OR	
	REGISTR 4 HOURS	ATION IN GE	DL. 105.				
	03562	LECT		10	M W F	W109 T H	HASSETT
	03570 03587	L AB L AB	1 2	1-4 1-4	TU W	W 1 TH W 1 TH	
	03594	LAB	3	1-4	TH	W 1 T H	
	03605	LAB	4	1-4	F	W 1 T H	
AGRON	110 BI	ANT AND ANI	MAI CENE	TICS			
AGRUN		ME AS AN. S.	D. S.	, AND HOR	T. 110.	OR BOT. 101)	4
	PREREQU AND ZOO	ISITE: BIOL	. 110 AN	D 111 DR	BOT. 100 (	OR BOT. 101)	
	3 HOURS						
	*FOR VE	TERINARY MEI	DICINE S	TUDENTS O	NLY.	W109 T H	ALEXANDER
	03620	LAB	I	1-3	TU	W 13 T H	AND OTHERS
	03637 03644	LAB LAB	2	3-5 1-3	TU TH	W 13 T H W 13 T H	
	03651 03669	L AB	*4 *5	3-5 2-4	M	W 13 T H W 13 T H	
	03009	LAD	~ 5	2-4	F	H 13   H	

PRINCIPLES OF FIELD CROP SCIENCE. 4 HOURS INDEPENDENT STUDY IN LEARNING CENTER (W 25 T. H.) FOR TWO HOURS PER WEEK TO BE SCHEDULED BY THE STUDENT. LECT 03676 W109 BURGER 8 1 10-12 TU W 13 03683 I AB 03691 1 48 2 1-3 W W 13 T H 03701 LAB 3 W W 13 03719 1.48 10-12 W 13 4 COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES ADVANCED SPECIAL PROBLEMS. AGRON 300 PREREQUISITE: MINIMUM GRADE-POINT AVERAGE 3.5; NOT OPEN TO STUDENTS ON PROBATION; CONSENT OF THE INSTRUCTOR. APPROVAL OF AGRONOMY TEACHING COORDINATOR IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION. \*CREDIT IS NOT GIVEN TO GRADUATE STUDENTS MAJORING IN AGRONOMY. \*1 TO 5 HOURS, OR 1/2 UNIT TO 2 UNITS
SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
MINIMUM GRADE POINT AVERAGE OF 4-0 AND MAY BE TAKEN IN CONJUNCTION
WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR. 03726 LAB-DISC A & B ARR STAFF LAB-DISC ARR STAFF 03733 AGRON 303 SOIL FERTILITY AND FERTILIZERS. PREREQUISITE: AGRON. 101. 3 HOURS OR 3/4 UNIT LECT-DISC 9 M W F W109 TH WELCH AGRON 305 BIOCHEMICAL PROCESSES IN SOIL AND WATER ENVIRONMENTS.
PREREQUISITE: MCBIO. 100 AND CHEM. 102.
3 HOURS OR 3/4 UNIT LECT-DISC TU N107 T H MOLINA 1 TH N107 T H STEVENSON PRINCIPLES OF PLANT BREEDING. AGRON 323 PREREQUISITE: BOT. 100, AGRON. 110 OR EQUIVALENT. FIELD TRIP, ESTIMATED COST \$5.00.
4 HOURS OR 1 UNIT LECT-DISC W115 T H W121 T H LAMBERT, MILLER LAB 1-3 TH AGRON 326 WEEDS AND THEIR CONTROL. PREREQUISITE: AGRON. 121. 3 HOURS OR 3/4 UNIT 03772 LECT-DISC 8-10 TU TH W115 T H MC GLAMERY AGRON 340 INTRODUCTION TO APPLIED STATISTICS. SAME AS AG. E., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 340. PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT. 4 HOURS OR 3/4 UNIT SELF

LECT 03780 9 TU TH W109 TH 03797 LAB-DISC 1-3 TU W223 T H 03808 LAB-DISC 2 3-5 W223 TH TU LAB-DISC 3 1-3 03815 W223 03822 LAB-DISC W223

AGRON 365

DIGITAL COMPUTER METHODS FOR STATISTICAL DATA PROCESSING.
SAME AS C. S. 365
PREREQUISITE: C. S. 101, 103, 107, OR 121, AND A COURSE IN
STATISTICS OR STATISTICAL METHODS, OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT

CARMER

LECT-DISC 03830 11 M W F W223 T H

### COURSES FOR GRADUATES

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AGRON 400 SEMINAR.
          REQUIRED OF ALL GRADUATE MAJORS IN AGRONOMY.
          PREREQUISITE: GRADUATE STANDING.
          O CREDIT
                                                           W N107 T H
W N107 T H
W109 T H
TH 113 D H
                     LAB-DISC C
LAB-DISC G
LAB-DISC S
                                                                                            JACKERS
        03847
                                            4
                                                                                            BERNARD
        03854
                                                                                            MOLTNA
        03861
                                 PP
                                                                                            HADDED
                     LAB-DISC
                                            12
        03879
          THE CHEMISTRY OF SOIL FERTILITY.
PREREQUISITE: AGRON. 101 AND CHEM. 122.
          1 UNIT
                                            8 M W F W223 T H
                                                                                             MELSTED
        03886
                     LECT
        GENESIS, MORPHOLOGY, AND CLASSIFICATION OF SOILS.
PREREQUISITE: AGRON. 301 OR CONSENT OF INSTRUCTOR.
          1 UNIT
                                                                                             FEHRENBACHER
        03893
                    LECT-DISC
                                        APR
          1 SOIL PHYSICS.

PREREQUISITE: ONE YEAR OF CALCULUS.
AGRON 411
          1 UNIT
        03904
                     LECT-DISC
                                           10-12
                                                       TU TH W223 T H
                                                                                            STAFF
AGRON 429 THE EVOLUTION OF AGRICULTURAL ECONOMIES.
          SAME AS ANTH. AND GEOG. 429.
PREREQUISITE: CONSENT OF INSTRUCTOR.
          1 UNIT
          TOPIC: AGRICULTURAL ORIGINS -- SOUTH AMERICA.
        03911
                                         ARR
                                                                                            LENG
                 CONF
               QUANTITATIVE ASPECTS OF PLANT BREEDING.
        PREREQUISITE: AGRON. 323 OR EQUIVALENT; AGRON. 441 OR EQUIVALENT.
          1 UNIT
                                                   M W F NIO7 TH
                     LECT
                                                                                            DUDL EY
AGRON 462 ORIGIN OF VARIATION IN PLANTS.
                SAME AS BOT. 462.
          PREREQUISITE: CONSENT OF INSTRUCTOR.
          1 UNIT
        03936
                    LECT
                                         ARR
                                                                                             DE WET
AGRON 493
               ADVANCED STUDIES IN AGRONOMY.
          PREREQUISITE: CONSENT OF INSTRUCTOR.
          1/4 TO 2 UNITS
          WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:
                 A--SOIL CHEMISTRY.
B--SOIL FERTILITY.
                 B--SUL FERTILITY.
C--SUL PHYSICS.
D--SOIL CLASSIFICATION AND PEDDLOGY.
E--SOIL MINERALOGY.
F--SOIL MICPOBIOLOGY.
G--PLANT BREEDING AND GENETICS.
                 H--PLANT PHYSIDLOGY.
                 I -- WEED CONTROL .
                 J--CROP MORPHOLOGY.
K--CROP PRODUCTION AND ECOLOGY.
                L--STATISTICAL TECHNIQUES AND DATA PROCESSING.
                    CONF A
CONF C
CONF C
CONF C
CONF E
CONF E
CONF F
CONF G
                                        ARR
                                                                                             STAFF
        03943
                                                                                             STAFF
        03951
                                         ARR
                                                                                             STAFF
         03968
                                          ARR
                                         ARR
                                                                                             STAFF
        03975
                                                                                             STAFF
         03982
                                          ARR
                                                                                             STAFF
         03990
                                         ARR
                                         ARR
        04002
                                                                                             STAFF
                                         12-2
                                                      M W F W109 T H
M W 192 E H
F 31 PSYCH
                                                                                             KOEPPE FISH
                     LECT-DISC H
         04010
                                           10
                     LECT-DISC I
                                                                     192 L H
31 PSYCH BLDG
                                                                                             SLIFE
        04027
                                   Ţ
        04034 CONF J
04041 CONF K
04059 CONF L
                                        ARR
                                                                                            STAFF
                                                                                             STAFF
                                          ARR
                                                                                             STAFF
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THESIS RESEARCH. AGRON 499

WORK TO BE TAKEN IN THE FOLLOWING SUBJECTS:

N IN THE FULLOWING SUBJECTS:
ALDRICH, BEAVERS, BRAIDS, FEHRENBACHER, GIESEKING,
HINESLY, JONES, KURTZ, MELSTED, R. J. MILLER,
MILLINGTON, MOLINA, ODELL, PETERS, RAY, RUNGE,
STEVENSON, TYNER, WALKER, WELCH.
ALEXANDER, BERNARD, BROWN, BURGER, CARMER, COOPER,
DEWET, DUDLEY, EARLEY, GERDEMANN, HADLEY, HAGEMAN, A-SOILS

B-CROPS HANSON, HARLAN, HITTBRAN, HITTLE, HOCKER, HYMOWITZ,
JACKOBS, KNAKE, LAMBERT, LAUGHNAN, LENG, MCGLAMERY,
D. A. MILLER, OGREN, PATTERSON, PENDLETON, RINNE,
SCOTT, SEIF, SLIFF, WAX, WEBER, WEIBEL, WIDHOLM,
WILSON AND WOOLLEY.

04066 CONE ARR

#### AIR FORCE AEROSPACE STUDIES

DEPARTMENT OFFICE

230 ARMORY

#### COURSES FOR UNDERGRADUATES

AFAS CORPS TRAINING. 100

NO CREDIT

MUST BE TAKEN IN CONJUNCTION WITH OTHER COURSES. PREREQUISITE: DETERMINED PHYSICALLY FIT BY THE UNIVERSITY, CITIZEN OF THE UNITED STATES.

7PM 101 ARMORY 04073 LAB ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED OF ALL CADETS.

FRESHMAN THEORY COURSE: DEFENSE OF THE UNITED STATES. AFAS 111 PREREQUISITE: DETERMINED PHYSICALLY FIT BY THE UNIVERSITY; CITIZEN OF THE UNITED STATES; CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES. 1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. LECT-DISC E ARMORY 04081 М 349 ARMORY 04098 М 349 04109 LECT-DISC M ARMORY 9 Till 349

AFAS 112 FRESHMAN THEORY COURSE: STRATEGIC OFFENSIVE AND DEFENSIVE FORCES OF THE UNITED STATES. AFAS CONTINUATION OF AFAS 111.

PREREQUISITÉ: AFAS 111 OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES. 1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. 04116 LECT-DISC ARR

AFAS 121 SOPHOMORE THEORY COURSE: WORLD MILITARY SYSTEMS, I.
PREREQUISITE: AFAS 112 OR CONSENT OF PROFESSOR OF AIR FORCE AERO SPACE STUDIES. 1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. 04123 LECT-DISC R W TH 349 ARMORY M 04131 LECT-DISC 9 349 AR MORY LECT-DISC 1.0 04148 TH 349 ARMORY

SOPHOMORE THEORY COURSE: WORLD MILITARY SYSTEMS, II.

AFAS CONTINUATION OF AFAS 121.

PREREQUISITE: AFAS 121 OR CONSENT OF PROFESSOR OF AIR FORCE AFAS 122 AEROSPACE STUDIES. 1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. 04155 LECT-DISC ARR 349 ARMORY

#### COURSES FOR ADVANCED UNDERGRADUATES

THE FOLLOWING AIR FORCE AEROSPACE STUDIES COURSE MAY BE TAKEN UPON APPLICATION BY STUDENTS WHO MEET THE REQUIRED STANDARDS.

COMMISSIONS IN THE AIR FORCE RESERVE ARE AWARDED THOSE STUDENTS WHO
SATISFACTORILY COMPLETE THE ADVANCED COURSES AND WHO COMPLETE THE SATISFACTORILY COMPLETE THE ADVANCED COURSES AND WHO COMPLETE THE ACADEMIC REQUIREMENTS FOR A DEGREE SUBJECT TO ALLOCATIONS OF COMMISSIONS TO BE MADE BY AIR FORCE R.O.T.C. STUDENTS ARE PAID RETAINER PAY, ARE FURNISHED A UNIFORM, AND ARE REQUIRED TO ATTEND A SUMMER ENCAMPMENT BETWEEN THE FIRST AND SECOND YEARS OF THE PROFESSIONAL OFFICER COURSE.

ADVANCED AIR FORCE R.O.T.C. COURSES REQUIRE THREE HOURS OF INSTRUCTION A WEEK. GENERAL PREREQUISITE: SUCCESSFUL COMPLETION OF THE FRESHMAN AND SOPHOMORE AIR FORCE R.O.T.C. COURSES OR THE SIX-WEEK FIELD TRAINING PROGRAM OR EQUIVALENT TRAINING AS APPROVED BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, PASS OFFICERS TYPE PHYSICAL EXAMINATION, ACHIEVE SATISFACTORY SCORES ON THE AIR FORCE OFFICERS QUALIFICATION TEST, AND ACCEPTANCE BY A BOARD OF AIR FORCE OFFICERS.

AFAS 231 JUNIOR THEORY COURSE: GROWTH AND DEVELOPMENT OF AEROSPACE

JUNIOR HEBAT COURSE, GROWN AND SOPHOMORE THEORY POWER, I.

PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION.

3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. LECT-DISC B
LECT-DISC C
LECT-DISC D M W F 222 ARMORY M W F 222 ARMORY 04162 9 04170 м F 04187 11 222 ARMORY

AFAS 232 JUNIOR THEORY COURSE: GROWTH AND DEVELOPMENT OF AEROSPACE POWER, II.

PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES. APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL 3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. 04194 LECT-DISC ARR 222 ARMORY

AFAS 241 SENIOR THEORY COURSE: THE PROFESSIONAL OFFICER, I. PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL FXAMINATION. 3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. 04205

LECT-DISC B 9 M W F 325A ARMORY LECT-DISC C 10 M W F 325A ARMORY LECT-DISC D 11 M W F 325A ARMORY 04212 04220

SENIOR THEORY COURSE: THE PROFESSIONAL OFFICER, II.
PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY
COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES
APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR AFAS 242 OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION.

3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. LECT-DISC ARR 325 ARMORY

#### AMERICAN CIVILIZATION

MAJOR: STUDENTS WHO ELECT AMERICAN CIVILIZATION AS A MAJOR MUST COMPLETE FORTY SEMESTER HOURS (WHICH SATISFIES BOTH MAJOR AND MINOR REQUIREMENTS FOR GRADUATION) IN COURSES INDICATED BELOW, AT LEAST TWENTY HOURS BEING IN COURSES NUMBERED 300 OR ABOVE. THEY ARE REQUIRED TO MAINTAIN A 3.0 GENERAL AVERAGE AT ALL TIMES, THAT IS, WHEN THE AVERAGE DROPS BELOW THAT LEVEL THE STUDENT SHALL DROP FROM THIS MAJOR. SPECIFICALLY REQUIRED ARE:

1. ENGL. 256, HIST. 151-152, AND EITHER ART 323 OR 324 OR PHIL. 313 (A TOTAL OF FIFTEEN HOURS). EQUIVALENT OR MORE ADVANCED COURSES MAY BE SUBSTITUTED PROVIDED THAT. TAKEN TOGETHER, THEY CONSTITUTE COMPREHENSIVE SURVEYS OF THE THREE FIELDS OF AMERICAN HISTORY, AMERICAN LITERATURE, AND EITHER AMERICAN ART OR AMERICAN PHILOSOPHY. APPROVAL FOR ANY SUCH SUBSTITUTION MUST BE REQUESTED BY A PETITION TO THE DEAN BEARING THE RECOMMENDATION OF THE ADVISOR FOR THE CURRICULUM.

2. AT LEAST SIX HOURS OF ADVANCED WORK IN ENGLISH AND AT LEAST SIX HOURS OF ADVANCED WORK IN HISTORY, CHOSEN FROM THE FOLLOWING COURSES ALL OF WHICH ARE IN THE AMERICAN FIELD: ENGL. 285-286, 287, 316, 352, 353-354, 375-376, HIST. 352, 354, 355, 356, 357-358, 359, 360, 361-362, 363-364, 367-368, 369-370, 371-372, 373-374. SPEECH 366 MAY BE SUBSTITUTED FOR ENGL. 316.

3. AT LEAST SIX HOURS FROM THE FOLLOWING COURSES: ARCH. 215-216, ECON 236, ED. 302, GEOG. 223, POL. S. 150-151, 351, 381, 397, SPCH. 312; OR COURSES LISTED IN THE PRECEDING PARAGRAPHS, IF NOT COUNTED TOWARD THE REQUIREMENTS THEREUNDER.

4. AT LEAST SIX ADDITIONAL HOURS IN ONE OF THE FOLLOWING DEPARTMENTS: ART, ENGLISH, HISTORY, PHILOSOPHY OR POLITICAL SCIENCE CHOSEN FROM COURSES WHICH DEAL WITH NON-AMERICAN ASPECTS OF THE SUBJECT BUT WHICH ARE CLOSELY RELATED TO SPECIFIC COURSES SELECTED UNDER THE PRECEDING REQUIREMENTS, SUCH AS, FOR EXAMPLE, A COURSE DEALING WITH THE SAME PERIOD IN EUROPEAN HISTORY OR IN ENGLISH LITERATURE.

THE COMMITTEE IN CHARGE OF THE CURRICULUM ADVISES EACH STUDENT CONCERNING THESE ADDITIONAL HOURS, ASSUMES RESPONSIBILITY FOR THE STUDENTS REGISTRATION IN THE PROPER COURSES, AND FILES A RECORD OF THE STUDENTS REGISTRATION INDICATING THE SPECIFIC COURSES APPROVED AS SATISFYING THIS REQUIREMENT IN THE OFFICE OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

ADVISER--CHAIRMAN OF THE COMMITTEE IN CHARGE--PROFESSOR CLARK C. SPENCE, 359 ARMORY.

MINORS: THIS CURRICULUM HAS BEEN APPROVED AS A MINOR FOR STUDENTS MAJORING IN GEOGRAPHY, HISTORY, POLITICAL SCIENCE, AND SPEECH. A SPLIT MINOR IS NOT AUTHORIZED. NO COUNTSE COUNTED TOWARD THE STUDENTS MAJOR MAY BE COUNTED TOWARD THE MINOR. THE MINOR CONSISTS OF AT LEAST TWENTY SEMESTER HOURS, INCLUDING THE REQUIRED COURSES HIST. 151-152 AND ENGL. 113-114, AND IN ADDITION:

1. AT LEAST THREE HOURS FROM COURSES LISTED UNDER (2) OF THE REQUIREMENTS FOR THE MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

2. THE REMAINDER, IF ANY, CHOSEN FROM COURSES LISTED UNDER (1) AND (3) OF THE REQUIREMENTS FOR MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

# ANIMAL SCIENCE

DEPARTMENT OFFICE

328 M H

# COURSES FOR UNDERGRADUATES

			COURSES	OR UNDERG	RADUATES			
441.6	100	T000115 T 1011	TO 4417 144	CCIENCE				
AN S	100 IN 3 HOURS		IU ANI MAI	- SCIENCE.				
	04244	LECT		3	M F	135	ASL	DZIUK AND
	04251	LAB	А	1-3	W	W115	T H	OTHERS
	0.1210	4.40	A	1-3	W		PAVILION	
	04269	LAB	B B	3 <b>-</b> 5 3 <b>-</b> 5	W	W109	T H PAVILION	<b>A</b>
	04276	LAB	c	3-5	тн	W115		
			Č	3-5	TH	STOCK	PAVILION	
AN S	110 PI	ANT AND AN	IMAL GENE	rics.				
	S A	ME AS AGRO	N., D. S.	AND HORT	. 110.			
		ISITE: BIO	L. 110 ANI	O 111 OR B	OT. 100 (C	R BOT.	101)	
	AND ZOO 3 HOURS							
		TERINARY MI	EDICINE ST	UDENTS ON	LY.			
	04283	LECT		2	M W	W109	T H	ALEXANDER AND
	04291	LAB	1	1-3	TU	W013	TH	OTHERS
	04301 04319	LAB	2 3	3-5 1-3	TU TH	W013	T H T H	
	04326	LAB	÷4	3-5	M	W013	TH	
	04333	LAB	<b>*</b> 5	2-4	F	W013	T H	
				ADVANCED	UNDERGRAD	MATEC		
		C	JUKSES FUR	ADVANCED	UNDERGRAL	UATES		
AN S		ECIAL PROB						
							PEN TO STUDENTS CTOR AND HEAD	
		DEPARTMENT						
	REQUIRE	D IN ADVANC	CE OF REGI	STRATION	FOR A SECO	ND AND	OR THIRD	
		PROBLEMS (	COURSE.					
	1 TO 5		EN TO LAME	S SCHOLAD	S AND DITHE	D STUDE	ENTS HAVING A	
							IN CONJUNCTION	
		HER COURSES						
	INSTRUC							
	04341	LAB LAB		ARR ARR				STAFF
	04336	LAD	760	IN N				1
AN S	205 ME	AT SELECTION ISITE: AN.	ON AND CL	ASSIFICATI	ON.			
		RIP, ESTIMA		\$20.				
	2 HOURS							
	04365	LAB	Α	3-5	M W E	152		ROMANS AND
			A A	3-5 8-12	M W F	152	PAVILION	HANKES
			Δ	8-12	5		PAVILION	
			-	0 12		0.00		
4.61 5	201	DOE BOOK	F FOA:					
AN S		RSE PRODUCT ISITE: AN.		221 00 5	OHEVALENT			1
	3 HOURS		3. 220 Ur	221 UK E	MOTA WE ELLIS			
	04372	LECT-DISC	C	1	TU TH		PAVILION	ALBERT
				2	TU	STOCK	PAVILION	
AN S	212 AD	VANCED LIVE	ESTOCK EV	ALUATION.				
		ISITE: AN.	S. 103 AF	ID 211.				1
	3 HOURS					STOCK	DAVI IOU	
	04380	LAB		3-5 8-12	MTUWTHF S		PAVILION PAVILION	ALBERT
				0 12	3	5.001		<b>A</b>
447 6	221	TMAI MITTO	TION					
AN S		ME AS D. S.						1
		ISITE: CHE		() , 132. 0	R 133.			1
	*CREDIT	IS NOT GIV				25.		
	*4 HOUR			1.0	THEFT	125	4.5.1	OHENC AND
	04397	LECT-DISC	-	10	TUWTHE	135	ASL	OWENS AND DAVIS
								DATES

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BEEF PRODUCTION.

PREREQUISITE: AN. S. 221, OR EQUIVALENT.

3 HOURS, OR 1/2 OR 3/4 UNIT 04408 LECT 135 A S L JOHNSON SHEEP PRODUCTION. AN S 302 \*\*STUDENT'S MAN. S. 221, OR EQUIVALENT.

\*\*STUDENT'S MAY REGISTER FOR 3 HOURS CREDIT WITHOUT LABORATORY OR FOR 4 HOURS CREDIT WITH LABORATORY, OR FOR 3/4 UNIT.

\*\*3 OR 4 HOURS, OR 3/4 UNIT 11 M W W 3-5 TU 04415 LECT-DISC 04422 LAB W F N107 T H U STOCK PAVILION 11 GARRIGUS PORK PRODUCTION. AN 5 303 PREREQUISITE: AN. S. 221, OR EQUIVALENT.

3 HOURS OR 3/4 UNIT
04430 LECT-DISC 8 M W F 313 M H HARMON 4 POULTRY MANAGEMENT.
PREREQUISITE: AN. S. 221 OR 325 OR EQUIVALENT.
\*3 HOURS CREDIT WITHOUT OR 4 HOURS CREDIT WITH INDIVIDUAL STUDY AND AN S 304 CONFERENCE. M W F POULTRY FARM BRAY 330 REPRODUCTION AND ARTIFICIAL INSEMINATION OF FARM ANIMALS.
SAME AS D.S. 330. AN S PREREQUISITE: ZOOL. 104 AND EITHER D. S. 100 OR AN. S. 100. 3 HOURS OK 37. 04461 LECT 3 HOURS OR 3/4 UNIT 1 2-4 W109 T H 414 A S L 414 A S L 414 A S L LODGE, GRAVES TII TH W109 TU 04486 LAB В TH 04493 LAB AN S 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., D. S., F. S., FOR., HORT., AND
V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT. 4 HOURS OR 3/4 UNIT LECT LECT LAB-DISC 1 LAB-DISC 2 LAB-DISC 3 W109 T H W223 T H 04504 TU TH q SEIF 1-3 04511 TU TU W223 T H W223 T H W223 T H 3-5 04529 1-3 3-5 W 04536 04543 AN S 346 ETHOLOGY.

SAME AS ZOOL. 346.

PREREQUISITE: ONE YEAR OF 300-LEVEL COURSES IN ZOOLOGY,
PHYSIOLOGY, OR PSYCHOLOGY; CONSENT OF INSTRUCTOR FOR LABORATORY ENROLLMENT.
\*LECTURE ALONE 3 HOURS OR 1/2 UNIT
\*3 OR 5 HOURS, OR 1/2 OR 1 UNIT 04551 LECT 04568 LAB-DISC A 4 W F TUTH 202 H H 343 N H B BANKS COURSES FOR GRADUATES PRESENTATION OF EXPERIMENTAL RESULTS. AN S 1/4 UNIT 04575 LECT-DISC TH 104 AN GEN D7 THK ANIMAL BIONOMICS.

PREREQUISITE: CONSENT OF INSTRUCTOR. AN S 401 1/2 UNIT 04582 LECT-DISC 1 TU TH 316N M H CURTIS AN S 404 CONCEPTS IN NONRUMINANT NUTRITION.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 UNIT

10

04590

LEC T-DISC

TU TH

316N M H

BAKER

7 LABORATORY METHODS IN ANIMAL GENETICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
\*COMBINED CREDIT IN AN.S. 407 AND 408 MAY NOT EXCEED TWO UNITS. AN S 407 \*1/2 TO 1 UNIT

04601 LAB-DISC

NORTON AND RASMUSEN

AN 5 408 LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION.

SAME AS ZOOL. 408.

PREREQUISITE: CONSENT OF INSTRUCTOR.

\*COMBINED CREDIT IN AN.S. 407 AND 408 MAY NOT EXCEED TWO UNITS.

\*1/2 TO 1 UNIT

04618 LAB APP

NALBANDOV AND DZ IUK

RESEARCH METHODS IN ANIMAL SCIENCE.

PREREQUISITE: CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE 1 UNIT.

\*1/4 TO 1 UNIT

04625 CONF

GRADUATE STAFF

AN S 412

ADVANCED ENDOCRINOLOGY.

SAME AS D. S., PHYSL., AND ZOOL. 412

PREREQUISITE: CONSENT OF INSTRUCTOR.

\*STUDENTS MAY ACCUMULATE 2 UNITS.

\*1/2 UNIT

TOPIC--TO BE ANNOUNCED.

DISC 04632

730-PM M 140 BUR HALL

104 AN GEN

NALBANDOV,

GORSKI, FOSTEF

AN S 415 ADVANCED ANIMAL GENETICS.

LECT-DISC

SAME AS D. S. 415.
PREREQUISITE: AN. S. 305 OR EQUIVALENT. 1 UNIT

04640

AN S 421 1 TOPICS IN NUTRITIONAL BIOCHEMISTRY. PREREQUISITE: AN. S. 420.

1 UNIT 04657

LECT

121 A S L 11 MTUWTH

M W F

LEVEILLE

TOUCHBERRY

99 THESIS RESEARCH. 0 TO 4 UNITS AN S 499

04664

DISC

GRADUATE STAFF

DEPARTMENT OFFICE

109 D H

MAJOR: TWENTY HOURS IN ANTHROPOLOGY, EXCLUDING ANTH. 102 AND 103. STUDENTS ARE STRONGLY ADVISED TO TAKE AT LEAST ONE COURSE FROM EACH OF THE PRINCIPAL FIELDS OF ANTHROPOLOGY: ARCHAEOLOGY, ETHNOLOGY (INCLUDING AT LEAST ONE COURSE DEALING WITH A PARTICULAR WORLD AREA), LINGUISTICS, AND PHYSICAL ANTHROPOLOGY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: CLASSICS, ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LINGUISTICS, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY AND ZOOLOGY. THE INTEROEPARTMENTAL PROGRAM IN ASIAN STUDIES, LATIN-AMERICAN STUDIES OR IN RUSSIAN LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A SOLE MINOR.

#### COURSES FOR UNDERGRADUATES

CONCEPTS IN GENERAL ANTHROPOLOGY. \*CREDIT IS NOT GIVEN FOR ANTH. 101 AND 102-103. \*4 HOURS

04671 LECT-DISC 113 D H 325 D K 113 D H 04689 QUIZ TH 04696 QUIZ В g DKH TU 04707 9 QUIZ C 312 9 04714 QUIZ D TH D H TU 04721 QUIZ £ 3 311 D H

ROSS

OZ INTRODUCTION TO ANTHROPOLOGY: THE ORIGIN OF MAN AND CULTURE. \*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101. ANTH

\*4 HOURS

\*HONORS SECTION OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS. TU U LECT-DISC М 04739 100 N L GIBBON 109A D H 04746 QUIT 7 Δ Ä 04753 QUIZ B <--8 TH 313 04761 QUIZ я TU 2094 D H M M 04778 QUIZ D 8 109A D H 04785 QUIZ 8 109A D H Е 04792 109A D H QUIZ 8 TU QUIZ 04899 23\* 11 313 109A D H 04803 Н 11 TU TU 109A D 04811 QUI Z I 1 04828 QUIZ 109A D H 04835 QUIZ TH 109A D H я QUIZ 04842 TΗ 209 A D H 04850 QUIZ TH 109A D H 04867 QUIZ 8 ТН 313 D H 04874 QUIZ 0 TH 313 DH 11 04881 109A D H QUI7 1

ANTH 103

3 INTRODUCTION TO CULTURAL ANTHROPOLOGY. \*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101.

\*4 HOURS

\*HONORS SECTION OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS. 10 M 04900 LECT-DISC BRILK MAN W F 114 DKH TU 04917 QUIZ Α 8 113 n R 04924 QUIZ В 8 TH 113 пн 04931 QUIZ C 0 TU 2094 D H 04949 QUIZ D 9 TH 209A D H 209A D H 04956 QUIZ Ε 12 TH 04963 QUIZ E 12 TH 209A D H 05022 QUIZ \* £ G 12 TU 313 04971 QUIZ Н 12 ТН 313 04988 QUIZ Ī TU 313 1 04995 313 QUIZ 05008 QUIZ TU 313 QUIZ 05015 313

ANTH 174 AMERICAN COMMUNITIES AND THEIR PROBLEMS. 4 HOURS

05030 LECT 3 9 TU TH 213 G H 05047 3-5 DISC 170 LH DISC A
DISC B
DISC C
DISC D Δ 3-5 TU 05054 102 L H HT LH 05061 3-5 262 05079 3-5 236 L H 108 L H 05086 3-5 DISC F

STAFF

ANTH 199 UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED.

\*0 TO 9 HOURS

SECTION A TOPIC: LANGUAGE AND CULTURE.

05104 CONF A ARR

05093 CONF B ARR

BRUKMAN ROSS

# COURSES FOR ADVANCED UNDERGRADUATES

ANTH	220 IM	MIRODUCTION	TO PRE	HISTORY.								
	PR ER EQ L	JISITE: ANTH	. 102	OR CONSENT	OF I	NSTR	RUCTO	IR .				
	05111	LECT-DISC		11	M	₩		223	G	Н	L.	THRAP
	05129	LAB	Α	11			F	109A	D	H	At	ND GIBBON
	05136	LAB	В	12			F	109A	D	H		
	05143	LAB	C	4	М			109A	D	н		
ANTH		TRODUCTION	TO BIO	OGICAL AN	THROP	0100	SY.					
	3 HOURS											
	05151	LECT-DISC		1	М	W	F	304	L	Н	G I	LES

ANTH		INTRODUCTION TO	PRIMITIVE	TECHNOLOGY.		
	3 HOU	IRS				
	05168	LECT-DISC	2	M W F	1094 N H	KELLER

ANTH	290 HONORS CI	OURSE.		
	PREREQUISITE:	SENIOR STANDING	AND 4.0 AVERAGE.	
	2 TO 4 HOURS			
	05175 CONF	ARR		STAFF

ANTH	291 HONORS COURSE.		
	PREREQUISITE: SENIOR	STANDING AND 4.0 AVERAGE.	
	2 TO 4 HOURS		
	05182 CONF	ARR	STAFF

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ANTH	300 I	NTRODUCTION T	O LING	UISTICS.						
	S	AME AS LING.	300.							
	PREREQ	UISITE: FULFI	LLMENT	OF THE F	FOREIGN	LAP	NGU A	SE REG	UIREME	NT
	IN THE	COLLEGE OF L	IBERAL	ARTS AND	SCIE	ICES.	, OR	EQU IV	/ AL ENT .	
	3 HOUR	S OR 1/2 UNIT								
	05190	LECT-DISC	Д	1	M	W I	=	223	G H	
	05201	LECT-DISC	8	10	M	W I	F	400	E H	

ANTH	307 INTRODUCTION TO MATHE	MATICAL	LINGUISTICS.		
	SAME AS LING. 307.				
	PREREQUISITE: LING. 300.				
	3 HOURS OR 1 UNIT				
	05218 LECT-DISC	2	M W F	312 D H	STAFF

	05218 LECT-DISC	2 M	W F	312 D H	STAFF
ANTH	315 AREA STUDIES IN ET	HNOMUSICOLOGY.			
	SAME AS MUSIC 317.				
	PREREQUISITE: SENIOR ST *STUDENTS MAY ACCUMULAT			ENT OF INSTRUCTOR	•
	*3 HOURS OR 1/2 UNIT				
	TOPICMUSIC OF AFRICA. 05225 LECT-DISC A	1-4	TH	101 H A	NETTL

ANIH	320 PUI	LITTUAL ANTHRUPL	LUGT.				
	PREREQU1	ISITE: ANTH. 103					
	3 HOURS	OR 1/2 OR 1 UN	IT				
	05232	LECT-DISC	3	M W	F	304 L H	CRISSMAN

ANTH	332 NA	TIVE CULTURES OF	SOUTH AMERICA (NON-ANDEAN).	
	PREREQUI	ISITE: ANTH. 260	OR CONSENT OF INSTRUCTOR.	
	3 HOURS	OR 1 UNIT		
	05240	LECT-DISC	ARR	WHITTEN

ANTH 340 HUMAN EVOLUTION, I.

PREREQUISITE: ANTH. 240 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT 10 M W F 349 ARMORY 1 FC T-DISC GILES INTRODUCTION TO PRIMATE MORPHOLOGY AND BEHAVIOR. ANTH 343 PREREQUISITE: ANTH. 340 OR ZOOL. 101 OR 104, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT M W E STAFF 05264 LECT-DISC 109A D H 9 SOUTH AMERICAN CULTURE HISTORY, I. PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR. ANTH 349 3 HOURS OR 1 UNIT LAB-DISC M W F 109A D H 1 ATHRAP 05271 10 PRECOLUMBIAN CIVILIZATIONS OF MESOAMERICA. ANTH 352 PREREQUISITE: ANTH. 220 OR EQUIVALENT OR CONSENT OF THE INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT M W F 109A D H 05289 LECT-DISC GROVE LABORATORY TECHNIQUES AND PROBLEMS IN ARCHAEOLOGY. ANTH 355 PREREQUISITE: ANTH. 102 AND 103, OR CONSENT OF INSTRUCTOR. FIELD TRIP REQUIRED. \*STUDENTS MAY ACCUMULATE 6 HOURS OR 2 UNITS, IF AREA OR PROBLEMS ARE DIFFERENT. \*3 HOURS OR 1 UNIT LAB 05296 1-4 TU 64B L H BAREIS ANTH 356 PHYSICAL ANTHROPOLOGY. PRETEQUISITE: ANTH. 102 AND 103, OR A COURSE IN ANATOMY OR COMPARATIVE ANATOMY, PHYSIOLOGY, OR A COURSE IN INTRODUCTORY ZOOLOGY WITH CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 9-1030 TU TH 109A D H 05307 MCGREGOR ANTH 358 PREHISTORY OF THE OLD WORLD. PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 05314 LECT-DISC KELLER FIELD WORK IN CULTURAL ANTHROPOLOGY.
PREREQUISITE: ANTH. 102 AND 103, SPEAKING KNOWLEDGE OF THE LANGUAGE
OF THE AREA CONCERNED. CONCURRENT REGISTRATION IN ANTH. 365,
CONSENT OF INSTRUCTOR. ANTH 364 \*STUDENTS MAY ACCUMULATE 6 HOURS OR 2 UNITS, IF AREA OR PROBLEMS ARE DIFFERENT. \*3 HOURS OR 1 UNIT 05321 CONF ARR STAFF

ANTH 365 ANALYSIS OF FIELD DATA IN CULTURAL ANTHROPOLOGY.

PREREQUISITE: ANTH. 102 AND 103, SPEAKING KNOWLEDGE OF THE LANGUAGE
OF THE AREA CONCERNED, CONSENT OF INSTRUCTOR.

\*STUDENTS MAY ACCUMULATE 6 HOURS, OR 2 UNITS, IF AREA OR PROBLEMS
ARE DIFFERENT.

\*3 HOURS OR 1 UNIT
05339 CONF ARR

ANTH 367 PEOPLES AND CULTURES OF AFRICA.

PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

05346 LECT-DISC 11 M W F 328 D K H SCHILDKROUT

ANTH 368 PEOPLES AND CULTURES OF INDIA.

PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

05353 LECT-DISC 3 M W F 209A D H GOULD

INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., H.ED., PHYSL., PSYCH., SOC., V.M.S., AND ANTH 369 PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.

A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.

\*3 OR 5 HOURS, OR 1/2 OR 1 UNIT LECT-DISC M W F 112 C A TOOD 05361 11 HUMAN DEVELOPMENT IN CROSS-CULTURAL PERSPECTIVE. **ANTH 373** SAME AS PSYCH. 373.
PREREQUISITE: SIX HOURS OF ANTHROPOLOGY, SOCIOLOGY OR PSYCHOLOGY, OR CONSENT OF INSTRUCTOR. HOURS, OR 1/2 OR 1 UNIT 78 LECT 05378 11-1220 TU TH 17 PSYCH BLDG CULTURES OF MODERN EAST ASIA.
PREREQUISITE: AN INTRODUCTORY COURSE IN ANTHROPOLOGY OP EAST
ASIAN HISTORY, OR CONSENT OF INSTRUCTOR. ANTH 383 3 HOURS OR 1 UNIT 10 M W F 209A D H PLATH COURSES FOR GRADUATES FIELD METHODS IN LINGUISTICS. ANTH 409 SAME AS LING. 409. PREREQUISITE: CREDIT OR ENROLLMENT IN LING. 401. I UNIT \*ONE ADDITIONAL HOUR TO BE ARRANGED. LECT-DISC A \*11 M W F LECT-DISC B \*11 M W F 209A D H 8 C A 05392 LEHMAN 05403 ANTH 429 THE EVOLUTION OF AGRICULTURAL ECONOMIES. SAME AS AGRON. AND GEOG. 429.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT TOPIC: AGRICULTURAL ORIGINS -- SOUTH AMERICA. 05411 CONF LATHRAP SEMINAR IN ANTHROPOLOGY.
\*STUDENTS MAY ACCUMULATE TWO UNITS. ANTH 450 \*1 UNIT \*SECTION B: TO BE ANNOUNCED.
\*SECTION G: URBAN STUDIES IN AFRICA.
\*SECTION K: TO BE ANNOUNCED.
\*SECTION M: TO BE ANNOUNCED. SECTION N: TO BE ANNOUNCED. 05428 CONF \*B ARR ARR STAFF 05435 SCHILDKROUT 05442 CONF \* K ARR CRISSMAN 05450 CONF WHITTEN ARR 05467 CONF N ARR GOULD RESEARCH PROBLEMS IN ARCHAEOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
\*STUDENTS MAY ACCUMULATE ADDITIONAL CREDIT. ANTH 452 \*1 UNIT 05474 M W F LAB 109A D H MCGR EGOR 3 THE FORMAL ANALYSIS OF KINSHIP SYSTEMS. PREREQUISITE: CONSENT OF INSTRUCTOR. ANTH 453 1/2 OR 1 UNIT 05481 LECT-DISC M W F 209A D H 1 FHM AN READINGS IN ANTHROPOLOGY.
PREREQUISITE: ONE SEMESTER OF GRADUATE WORK IN ANTHROPOLOGY; CONSENT OF ADVISER. 1/2 OR 1 UNIT 05499 ARR STAFF ANTH 490 INDIVIDUAL TOPICS IN ANTHROPOLOGY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 TO 4 UNITS STAFF 05500 CONF ARR

ANTH 499 THESIS RESEARCH.

O TO 4 UNITS

\*\*SECTION A IS FOR MASTERS THESIS AND SECTION B IS FOR DOCTORS THESIS.

05517 CONF \* A ARR STAFE ARR CONF \* B 05524 STAFF

ARABIC

DEPARTMENT OFFICE

309H D H

ABDO

COURSES FOR ADVANCED UNDERGRADUATES

ELEMENTARY ARABIC, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK
WEEKLY IN THE LANGUAGE LABORATORY.
NO CREDIT IS GIVEN TOWARD GRADUATION FOR ARAB. 201 WITHOUT ARAB 201

ARAB. 202.

5 HOURS

05531

11 M W F 8 COM W LECT-DISC STAFF

ARAB

B ELEMENTARY SPOKEN ARABIC, I.
\*NO CREDIT TOWARD GRADUATION IS GIVEN FOR ARAB. 203 WITHOUT

ARAB. 204. \*5 HOURS

05549 LECT-DISC 12 MTUW F 11 COM W STAFF, ABDO

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INTERMEDIATE ARABIC, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK ARAR

IN THE LANGUAGE LABORATORY.
PREREQUISITE: ARAB. 202 OR EQUIVALENT.

5 HOURS OR 1 UNIT 556 LECT-DISC

05556 6 COM W 8 COM W TH ABDO

9

ARAB 305 ADVANCED ARABIC, I. PREREQUISITE: ARAB. 304 OR EQUIVALENT.

5 HOURS OR 1 UNIT

05563 LECT-DISC MTUW F 8 COM W ABDO

INTRODUCTION TO ARABIC LITERATURE, I. ARAB 307

PREREQUISITE: ARAB. 304. 3 HOURS OR 1 UNIT

LECT-DISC 05571 MWE 1 8 COM W ARDO

#### ARCHITECTURE

DEPARTMENT OFFICE

106 ARCH

IN THE CURRICULUM IN ARCHITECTURE, NORMAL COURSE PROGRESS IN SEQUENCE IS IMPERATIVE. STUDENTS FAILING TO COMPLETE ANY REQUIRED COURSE MORE THAN ONE SEMESTER LATER THAN THE TIME DESIGNATED IN THE CURRICULUM, ARE PROHIBITED FROM PROGRESSIVE REGISTRATION IN ARCHITECTURAL COURSES UNTIL THE DEFICIENCY IS CORRECTED.

# COURSES FOR UNDERGRADUATES

ARCH	100 ARC REQUIRED O HOURS				TURAL STUD	ES.		
		LECT	А	4	ТН	141	COM W	STAFF
ARCH	132 ARC PREREQUI 3 HOURS	HITECTURAL SITE: ARCH.		111.				
	05595	LEC T-DISC LAB	A A	8-11 9-11	TU TH S TU	300 300		STAFF STAFF STAFF
	05606	LECT-DISC LAB	В В В	2 2-5 3-5	M W F M		ARCH ARCH ARCH	STAFF STAFF STAFF
ARCH		LDING CONST		11.				
	05613	LECT	A	1	TU TH	120	ARCH	MOYER
ARCH	171 BAS PREREQUI 3 HOURS				TION IN ARCH	1. 100	•	
	05638 05645	LAB LAB LAB	A B C D		MTUWTHE MTUWTHE MTUWTHE MTUWTHE	219 219	F A B F A B F A B	STAFF STAFF STAFF STAFF
ARCH	*0 TO 9	REPEATED. HOURS						
	05660		F A		) UNDERGRADU	IATES		FOREIGN
		Coc	N363 10K	ADVANCEL	ONDERGRADO	ATES		
ARCH	PREREQUI GRADE-PO	IDATES FOR SITE: SENIO INT AVERAGE	HONORS II OR STANDII OF 4.0	N ARCHITE NG IN ARC	HITECTURE,		VERSITY ROVAL BY THE	
		TMENT.		HOURS WIT	H APPROVAL	OF HE	AD	
	05677			RR RR				STAFF FOREIGN
ARCH	211 INT PREREQUI 3 HOURS				IEVAL ARCHI CONSENT OF			
		LECT	A	1	M W F	120	ARCH	STAFF
ARCH	212 INT PREREQUI 3 HOURS				MODERN ARC			
		LECT	А	11	M W F	120	ARCH	CREESE

ARCH	233 AR	CHITECTURAL	DESIG	·VI ·V				
	PREREQUI	ISITE: ARCH.	. 132;	CREDIT OR	REGISTRATION	INT	. A. M.	
	2 HOURS							
	05710	LAB	Α	8-11	M W F TU TH S	310	ARCH	STAFF STAFF
	05727	LAB	В	8-11	TU TH S	310	ARCH	STAFF
ARCH	234 ARC	CHITECTURAL	DESIG	V.				
	2 HOHD C	ISITE: ARCH						
	05734	LAB	Α	9-12	M W F TU TH S	310	ARCH	STAFF
	05741	LAB	В	9-12	TU TH S	310	ARCH	STAFF
ARCH	235 ARG	CHITECTURAL	DESIG	VI.				
	PREREQUI	ISITE: ARCH.	234.					
	05759	LAB LAB	Α	1-4	MTUWTHE	200	ARCH	STAFF FOR E IGN
	05766	LAB	F	ARR				FOREIGN
ARCH	236 ARC	CHITECTURAL	DESIG	4. VII.				
	PREREQUI	ISITE: ARCH.	235.					
	05773	LAB LAB	Δ	1-4	MTUWTHE	200	ARCH	STAFF
	05781	LAB	F	ARR				FOREIGN
ARCH	241 BUI	ILDING CONST	RUCTIO	N. III.				
	PREREQUI	ISITE: ARCH	142.					
	2 HOURS 05798	LECT	A	4	TU TH	6.6	1 10	CLAYTON
	03190	2001	A	7	10 111	00	CIO	CLATTON
	242 BUI							
AKCH	PREREQUI	ISITE: ARCH	241.	IN . IV.				
	2 HOURS							
	05809	LECT	Д	8	TU TH	120	ARCH	LANFORD
ARCH	245 STR	RUCTURAL ELE	MENTS					
ARCH	PREREQUI	SITE: L. A.	S . 14	OR PHYCS	. 101; T. A.			
ARCH	PREREQUI 3 HOURS	SITE: L. A.	S . 14	OR PHYCS				STAFF
ARCH	PREREQUI	SITE: L. A.	S . 14	OR PHYCS	. 101; T. A. M W M W			STAFF STAFF
	PREREQUI 3 HOURS 05816	LECT-DISC LAB	A A	8 1-4				
	PREREQUI 3 HOURS 05816	LECT-DISC LAB	A A A CTURAL	8 1-4				
	PREREQUI 3 HOURS 05816 246 THE PREREQUI	LECT-DISC LAB EORY OF STRU ISITE: ARCH.	A A A CTURAL	8 1-4				
	PREREQUI 3 HOURS 05816 246 THE PREREQUI	LECT-DISC LAB EDRY OF STRU ISITE: ARCH.	A A SCTURAL 245.	8 1-4 DESIGN.	M W M W	100 100	ARCH ARCH	STAFF
	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823	LECT-DISC LAB EDRY OF STRU ISITE: ARCH.	A A SCTURAL 245.	8 1-4 DESIGN.	M W M W	100 100	ARCH ARCH	STAFF
	PREREQUI 3 HOURS 05816 246 THE PREREQUI	LECT-DISC LAB EDRY OF STRU ISITE: ARCH.	A A SCTURAL 245.	8 1-4 DESIGN.	M W M W	100 100	ARCH ARCH	STAFF
	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823	LECT-DISC LAB EDRY OF STRU ISITE: ARCH.	A A SCTURAL 245.	8 1-4 DESIGN.		100 100	ARCH ARCH	STAFF
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831	LECT-DISC LAB EORY OF STRUSTE: ARCH. LECT-DISC LAB LECT-DISC LAB	A A B B B	8 1-4 DESIGN.  8 8-11 8 1-4	M W M W	100 100	ARCH ARCH	STAFF
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831	LECT-DISC LAB EORY OF STRU SITE: ARCH. LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB	A A A B B B	8 1-4 DESIGN.  8 8-11 8 1-4	M W M W	100 100	ARCH ARCH	STAFF
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ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI	ECT-DISC LAB  ECT-DISC LAB  ECT-DISC LAB  LECT-DISC LAB  LECT-DISC LAB  LECT-DISC LAB  RUCTURAL PLA SSITE: ARCH.	A A A B B B ANNING. 257.	8 1-4 DESIGN.  8 8-11 8 1-4	M W F TU TH	120 100 120 120 120	ARCH ARCH ARCH ARCH ARCH ARCH	STAFF  LEFFERS LEFFERS LEFFERS SIMON
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI	ECT-DISC LAB  ECT-DISC LAB  ECT-DISC LAB  LECT-DISC LAB  LECT-DISC LAB  LECT-DISC LAB  RUCTURAL PLA SSITE: ARCH.	A A A B B B ANNING. 257.	8 1-4 DESIGN.  8 8-11 8 1-4	M W F TU TH	120 100 120 120 120	ARCH ARCH	STAFF  LEFFERS  LEFFERS  LEFFERS  LEFFERS
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI	ECT-DISC LAB  ECT-DISC LAB  ECT-DISC LAB  LECT-DISC LAB  LECT-DISC LAB  LECT-DISC LAB  RUCTURAL PLA SSITE: ARCH.	A A A B B B ANNING. 257.	8 1-4 DESIGN.  8 8-11 8 1-4	M W M W	120 100 120 120 120	ARCH ARCH ARCH ARCH ARCH ARCH	STAFF  LEFFERS LEFFERS LEFFERS SIMON SIMON
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05848 05855 05862	LECT-DISC LAB  CORY OF STRUSTTE: ARCH.  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LCT-DISC LCT-DISC LCT-DISC LCT-DISC LCT-DISC LCT-DISC LCT-DISC LCT-DISC LCT-DISC	A A B B B SINNING A B B F	8 1-4 DESIGN. 8 9-11 8 1-4	M W F TU TH M W F TU TH	120 100 120 120 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH	STAFF  LEFFERS LEFFERS LEFFERS SIMON SIMON
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05848 05855 05862	LECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A A B B B ANNING. 257.	8 1-4 DESIGN.  8 8-11 8 8-11 9 ARR	M W F TU TH	120 100 120 100 120 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH	STAFF  LEFFERS LEFFERS LEFFERS SIMON SIMON
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05848 05855 05862	LECT-DISC LAB  CORY OF STRUSTIE: ARCH.  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT-	A A B B B ANNING. 257. A B F CATION R STAN	8 1-4 DESIGN.  8 8-11 8 1-4  11 9 ARR  AND ARCHITI	M W F TU TH M W F TU TH M W F TU TH	100 100 120 100 120 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH	STAFF  LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05848 05855 05862	LECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A A B B B ANNING. 257. A B F CATION R STAN	8 1-4 DESIGN.  8 8-11 8 8-11 9 ARR	M W F TU TH M W F TU TH M W F TU TH	100 100 120 100 120 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH	STAFF  LEFFERS LEFFERS LEFFERS SIMON SIMON
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05848 05855 05862 256 BUI PREREQUI 2 HOURS 05870	ECT-DISC LAB  ECT-DISC LAB  LECT-DISC LAB  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC	A A B B B ANNING A 257. A B F	OR PHYCS 8 1-4 DESIGN. 8 8-11 8 1-4  11 9 ARR  AND ARCHITI	M W F TU TH M W F TU TH M W F TU TH	100 100 120 100 120 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH	STAFF  LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05848 05855 05862 256 BUI PREREQUI 2 HOURS 05870	LECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC	S. 14  A A  UCTURAL 245.  A A B B  NNNING. 257.  A B F	OR PHYCS  8 1-4  DESIGN.  8 8-11 8 1-4  11 9 ARR  AND ARCHITIONING IN ARCHITICATION AR	M W F TU TH M W F TU TH M W F TU TH	100 100 120 100 120 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH	STAFF  LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05855 05862 256 BUI PREREQUI 2 HOURS 05870 257 REI PREREQUI	LECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT	ATION A BECRETE 246.	OR PHYCS  8 1-4  DESIGN.  8 8-11 8 1-4  11 9 ARR  AND ARCHITIONG IN ARC	M W F TU TH M W F TU TH M W F TU TH M W F M W F	120 100 100 100 100 100 100 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH ARCH	LEFFERS LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05855 05862 256 BUI PREREQUI 2 HOURS 05870 257 REI PREREQUI	LECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT	ATION A BECRETE 246.	OR PHYCS  8 1-4  DESIGN.  8 8-11 8 1-4  11 9 ARR  AND ARCHITIONG IN ARC	M W F TU TH M W F TU TH M W F TU TH M W F M W F	120 100 100 100 100 100 100 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH ARCH	LEFFERS LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05855 05862 256 BUI PREREQUI 2 HOURS 05870 257 REI PREREQUI	LECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT	ATION A BECRETE 246.	OR PHYCS  8 1-4  DESIGN.  8 8-11 8 1-4  11 9 ARR  AND ARCHITIONG IN ARC	M W F TU TH M W F TU TH M W F TU TH	120 100 100 100 100 100 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH ARCH	STAFF  LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN
ARCH ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05848 05855 05862 256 BUI PREREQUI 2 HOURS 05870 257 REI PREREQUI 3 HOURS 05887 05887	ECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT LECT LECT LECT LECT LECT LECT LEC	ATION R STAN	OR PHYCS  8 1-4  DESIGN.  8 8-11 8 1-4  11 9 ARR  AND ARCHITIDING IN ARC  4  THEORY.  8 ARR	M W F TU TH M W F TU TH M W F TU TH M W F M W F	120 100 100 100 100 100 100	ARCH ARCH ARCH ARCH ARCH ARCH ARCH ARCH	LEFFERS LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN
ARCH	PREREQUI 3 HOURS 05816 246 THE PREREQUI 3 HOURS 05823 05831 247 STR PREREQUI 3 HOURS 05848 05855 05862 256 BUI PREREQUI 2 HOURS 05870 257 REI PREREQUI 3 HOURS 05870	ECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT-LECT LECT LECT LECT LECT CHITECTURAL	S. 14  A A  UCTURAL 245.  A B B  NNNING. 257.  A B F  CATION A  CRETE 246.  A F	OR PHYCS  8 1-4  DESIGN.  8 8-11 8 1-4  11 9 ARR  AND ARCHITEIDING IN ARC  4  THEORY.  8 ARR	M W F TU TH M W F TU TH M W F M W F  ECTURAL ACOUNTIFECTURE. M W	120 100 120 100 120 100 120 120 120 302	ARCH ARCH ARCH ARCH ARCH ARCH ARCH ARCH	LEFFERS LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN
ARCH ARCH	PREREQUI 3 HOURS 05816  246 THE PREREQUI 3 HOURS 05823 05831  247 STR PREREQUI 3 HOURS 05848 05855 05862  256 BUI PREREQUI 2 HOURS 05870  257 REI PREREQUI 3 HOURS 05887 05887	LECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT-LECT-LECT-LECT-LECT-LECT-LECT-LECT-	ATION A F PRACTI	OR PHYCS  8 1-4  DESIGN.  8 8-11 8 1-4  11 9 ARR  AND ARCHITION IN ARC  4  THEORY.  8  CE.	M W F TU TH M W F TU TH M W F ECTURAL ACOUNTIFECTURE. M W	120 100 100 120 100 120 120 120 120 302	ARCH ARCH ARCH ARCH ARCH ARCH ARCH ARCH	LEFFERS LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN MOYER
ARCH ARCH	PREREQUI 3 HOURS 05816  246 THE PREREQUI 3 HOURS 05823 05831  247 STR PREREQUI 3 HOURS 05848 05855 05862  256 BUI PREREQUI 2 HOURS 05870  257 REI PREREQUI 3 HOURS 05887 05887	ECT-DISC LAB  CORY OF STRI SITE: ARCH.  LECT-DISC LAB  LECT-DISC LAB  RUCTURAL PLA SITE: ARCH.  LECT-DISC LECT-LECT LECT LECT LECT LECT CHITECTURAL	ATION A F PRACTI	OR PHYCS  8 1-4  DESIGN.  8 8-11 8 1-4  11 9 ARR  AND ARCHITION IN ARC  4  THEORY.  8  CE.	M W F TU TH M W F TU TH M W F ECTURAL ACOUNTIFECTURE. M W	120 100 100 120 100 120 120 120 120 302	ARCH ARCH ARCH ARCH ARCH ARCH ARCH ARCH	LEFFERS LEFFERS LEFFERS LEFFERS SIMON SIMON FOREIGN

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ARCH	300 INDEPENDENT ST PREREQUISITE: ONE Y	EAR OF HIS	STORY OF		RE, OF	HISTORY OF	
	ART AND CONSENT OF	INSTRUCTO	₹.				
	3 HOURS OR 3/4 UNIT	F ARI					FOREIGN
	05912 CONF	F AKI	<				FUKEIGN
ARCH	311 EARLY MEDIEVAL	ARCHITECT	TURE.				
and i	PREREQUISITE: ARCH.			ART 111 AND	112.	OR CONSENT	
	OF INSTRUCTOR.						
	3 HOURS OR 3/4 UNIT						
	05920 LECT		10	M W F	120	ARCH	LAING
ARCH	313 ITALIAN RENAIS	SANCE AND	BARDQUE	ARCHITECTU	RE.		
	PREREQUISITE: ARCH.	211 AND 2	212, OR	ART 111 AND	112,	OR CONSENT	
	OF INSTRUCTOR.						
	3 HOURS OR 3/4 UNIT 05937 LECT		4	M W F	202	40011	STAFF
	05937 LEC1	А	4	M M F	302	AKCH	STAFF
ARCH	316 ARCHITECTURE OF	E THE NINE	TEENTH	AND TWENTER	TH CEN	TURIES.	
,,,,,	PREREQUISITE: ARCH.						
	OF INSTRUCTOR.						
	3 HOURS OR 3/4 UNIT						
	05944 LECT	A		M W F	301	ARCH	CREESE
	05951 LECT	F ARE	₹				FOREIGN
AD CIII	317 THE DEVELOPMENT	T OF CONT	- 14 D O D A D 1	* * * * * * * * * * * * * * * * * * * *		10110117	
AKCH	PREREQUISITE: ARCH.	1 UF CUNII	MPUKAKI	ARCHITECTU	HAL II	AND CONCENT	
	OF INSTRUCTOR.	ZII AND	2129 UK	ART III AND	112+	AND CONSENT	
	3 HOURS OR 3/4 UNIT						
	05969 LECT-DISC	Δ	4-530	TU TH	403E	ARCH	LAING
ARCH	337 ARCHITECTURAL	DESIGN.					
	PREREQUISITE: ARCH.	236, SEN					
	PREREQUISITE: ARCH. 7 HOURS OR 2 UNITS 05976 LAB			MTUWTHE	210	1000	
	05976 EAB	Д	1-5	MIUWIHE	210	AKCH	STAFF
ARCH	338 ARCHITECTURAL	DESTGN.					
	PREREQUISITE: ARCH.	337.					
	7 HOURS OR 2 UNITS						
	05983 LAB	A	1-5	MTUWTHF	210	ARCH	STAFF
40.011	344 DESIGN DEVELOP			****** *******************************			
ARCH	PREREQUISITE: ARCH.					227 500	
	GENERAL OPTION STUDE					1. 337 FUK	
	2 HOURS	LINIS ON C	01425141	OF INSTRUCT	UNe		
	*SECTION A FOR GENER	RAL OPTION	N STUDEN	ITS.			
	*SECTION B FOR ENGIN			UDENTS.			
	05991 LAB	<b>*</b> Δ	9-12	TU TH TU TH	ARR		STAFF
	06003 LAB 1	¢B	9-12	TU TH	408	ARCH	STAFF
ARCH	347 THEORY OF STRUC	CTUBES					
AKUH	0050501115175+ 40511	257 110	4A TH 3.6	. 2			
	5 HOURS OR 1 1/2 UN			~ .			
	06011 LECT-DISC	Δ	8	MTUWTHE	301	ARCH	STAFF
	LAB	Ā	9-11	MTUWTHF M W F	100	ARCH	STAFF
ARCH	348 ADVANCED STRUCT	TURES.					
	PREREQUISITE: ARCH.	347, CRE	DIT OR R	EGISTRATION	IN AR	CH. 358.	
	5 HOURS OR 1 1/2 UNI	115	1 2	M 11 5	20:	ADCII	COV
	06028 LECT-DISC	A	1-3		301		COY
	LAB	A	3-5	M W	100	ARCH	COY
		~	,	-	100		001
ARCH	358 ADVANCED REINFO	DRCED CON	RETE.				
	PREREQUISITE: ARCH.			EGISTRATION	IN AR	CH. 348.	
	3 HOURS OR 1 UNIT						
			1-3				SIMON
	LAB	Α	3	TU TH	100	ARCH	SIMON

#### COURSES FOR GRADUATES

421 ENVIRONMENTAL CONTROL. ARCH

SAME AS M. E. 421.
PREREQUISITE: UNDERGRADUATE DEGREE IN ARCHITECTURAL OR MECHANICAL ENGINEERING, OR CONSENT OF INSTRUCTOR.

1 UNIT 06042

LECT-DISC

336 M E B

ADVANCED THEORY OF ARCHITECTURE.
PREREQUISITE: CONSENT OF INSTRUCTOR. ARCH 431

1/2 UNIT

LECT-DISC A 0.6050

W

ADSE ARCH

FRANCESCATO

ARCH 435

ADVANCED ARCHITECTURAL DESIGN.
PREREQUISITE: BACHELOR'S DEGREE IN ARCHITECTURE (GENERAL OPTION)
OFFERED BY THE UNIVERSITY OF ILLINOIS OR CONSENT OF INSTRUCTOR.

1/2 TO 2 UNITS

\*ADDITIONAL HOURS TO BE ARRANGED.

A 06067 LAB

MTUWTHF 403A ARCH

STAFF

ADVANCED THEORY AND DESIGN OF STEEL STRUCTURES.
PREREQUISITE: ARCH. 348 OR CONSENT OF INSTRUCTOR. ARCH 452

1 UNIT

06074 LECT-DISC A 8-10

SCHOUSBOE

ADVANCED STRUCTURAL DESIGN IN REINFORCED CONCRETE.
PREREQUISITE: ARCH. 358 OR CONSENT OF INSTRUCTOR. ARCH 454

1 UNIT

06081 LECT-DISC A 10-12 M W

20A ARCH

20A ARCH

TANG

ARCHITECTURAL PRACTICE AND THE CONSTRUCTION INDUSTRY. ARCH

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 UNIT

MAY BE TAKEN CONCURRENTLY WITH ARCH 491. 06099 LECT-DISC A

403E ARCH

ARCH 491 SPECIAL PROBLEMS IN ARCHITECTURAL ADMINISTRATION AND BUILDING

CONSTRUCTION.

PREREQUISITE: CREDIT OR REGISTRATION IN ARCH. 481.

1/2 TO 2 UNITS 100 CONF 06100

Α ARR 1 FWIS

3 SPECIAL PROBLEMS IN STRUCTURAL THEORY AND DESIGN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 4 UNITS ARCH 493

ERANCE SCATO STAFF

STAFF

ARCH 494 SPECIAL PROBLEMS IN ARCHITECTURAL DESIGN. PREREQUISITE: ARCH. 435 OR CONSENT OF INSTRUCTOR.

1/2 TO 2 UNITS

SECTION M: DESIGN METHODS SECTION M: UESIGN ME...SECTION R: SPECIAL RESEARCH.
SECTION S: DESIGN STUDIO.

06131 LECT-DISC M 10 06149 CONF R ARR 06156 LAB S ARR

10-12 TU 403E ARCH RR 403E ARCH 403 ARCH

ARCH SPECIAL PROBLEMS IN ARCHITECTURAL HISTORY. PREREQUISITE: 12 HOURS OF ARCHITECTURAL HISTORY OR CONSENT OF

INSTRUCTOR.

1/2 TO 2 UNITS

06163 CONF Α ARR CONNALLY, CREESE, LAING

# ARMY ROTC--SEE MILITARY SCIENCE

ART

DEPARTMENT OFFICE

143 F A B

# COURSES IN ART APPRECIATION AND THE HISTORY OF ART

# COURSES FOR UNDERGRADUATES

ART	111 INTRODUCTION TO ANCIENT AND MEDIEVAL ART. 3 HOURS	
	*SECTION &1 IS AN HONORS SECTION.  06171	RAE RAE
ART	115 ART APPRECIATION. PRIMARILY FOR NON-ART STUDENTS.	
	3 HOURS 06284 LECT A 3 M W F 101 ARMORY	GAMB ILL
ART	116 MASTERPIECES OF ART. 2 HOURS	
	06291 LECT A 2 TU TH 114 D K H	TIMMERMAN
	COURSES FOR ADVANCED UNDERGRADUATES	
ART	209 JAPANESE ARTS WORKSHOP.  PREREQUISITE: SOPHOMORE STANDING. 2 HOURS	
	06302 LAB A 10-12 M W F 106 F A B 06310 LAB B 7-PM TU TH 107 F A B	SATO SATO
APT	210 HISTORY OF FURNITURE AND INTERIOR DESIGN. PREREQUISITE: ART 134, OR CONSENT OF INSTRUCTOR. 2 HOURS	
	06327 LECT A L TU TH 62 K M	ZAGORSKI
	COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES	
ART	304 GREEK SCULPTURE. PREREQUISITE: ART 306 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
	06334 LECT A 230-4 TU TH 401 ARCH	PERKINS
ART	307 HELLENISTIC, ROMAN, AND BYZANTINE ART. PREREQUISITE: DNE YEAR OF ART HISTORY, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
		PERKINS
ART	308 EARLY MEDIEVAL ART. PREREQUISITE: ONE YEAR OF ART HISTORY OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
	06359 LECY A 10 M W F 302 ARCH	RAE
ART	313 ITALIAN RENAISSANCE ART. PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
	06366 LECT A 1 M W F 62 K M	STAFF

ART	PREREQU	RTHERN RENAI ISITE: ONE Y OR 3/4 UNIT LECT	EAR OF H	ISTORY OF	ART OR CON		OF INSTRUCTOR.	STAFF
ART	PREREQU	OR 3/4 UNIT	EAR OF H	ISTORY OF	ART OR CON		OF INSTRUCTOR.	ZIFF
ART		RTHERN EUROP NTURIES.	EAN ART	OF THE SE	VENTEENTH A	ND EIG	GHT EENTH	
	PREREQU	ISITE: ONE Y		ISTORY OF	ART OR CON	SENT C	F INSTRUCTOR.	
		DR 3/4 UNIT		12	M W F	62	K M	PINNELL
ART		ENTIETH CENT				SENT C	F INSTRUCTOR.	
	3 HOURS	OR 3/4 UNIT						
	06409	LECT	A	8	M W F	62	КМ	FRANCISCONO
ART	326 AR	T OF MEDIEVA	1 <b>Δ</b> ΡΔΝ.					
	PREREQU. PER IOD	ISITE: ART 3 TREATED, OR OR 3/4 UNIT	27, OR A	COURSE I		HISTOR	RY OF THE	
	06416		Α Α	RR		407	ARCH	MUNAKATA
ART	328 CH	INCCE ADT						
AKI	PREREQUI	SITE: ONE Y		ISTORY OF	ART OR JUN	IOR ST	ANDING.	
	3 HOURS 06423	OR 3/4 UNIT		2	M W F	302	ARCH	MUNAKATA
		STUDIO COUR	SES PRIM	ARILY FOR	NON-ART ST	UDENTS	5	
		C	OURSES F	OR UNDERG	RADUATES			
ART	NOT OPER	TRODUCTION T N TO STUDENT IS MAY ACCUM	S MAJORI	NG IN ART				
	*2 HOURS	LAB	Δ	2-5	M F	209	FΔR	
	00431	EAU		2 )	., ,	20,	, , ,	
ART	FOR STU	EMENTARY DRA DENTS NOT MA IS MAY ACCUM	JORING I					
	*2 HOUR	S						
	06448	LAB	A	9-12	TU TH	384	ARMORY	
ART	PRIMARII PRE RE QUI	SITE: CONSE	NTS IN O	CCUPATION	AL THERAPY	AND HO	DME ECONOMICS.	
	3 HOURS 06455		Α	2-5	M W F	237	FAB	
ART	FOR NON- 2 HOURS	SIGN, I. -ART MAJORS.						
	06462 06470	L AB L AB	A B	10-12 9-12			ARMORY ARMORY	
	06487	LAB	C	3-5	M W F	155	ARMORY	
	06494 06505		D E	2-5 7-PM			ARMORY ARMORY	
ART								
ART	PREREQU:	-ART MAJORS. ISITE: ART 1						
ART	FOR NON-	-ART MAJORS. ISITE: ART 1		8-10	мме	155	ARMORY	

# PROFESSIONAL AND STUDIO COURSES

# COURSES FOR UNDERGRADUATES

ART	113 0	RIENTATION	TO ART, I					
					E OF FINE	AND APPI	LIED ARTS AND	
		E ECONOMICS			ON IN ONE I	DE ART	117, 118, 119	
		, OR CONSEN			014 114 0146 1	UI AKI .	1117 1107 117	,
	1 HOUR							
	06537	LEC T	A	4	TU	112	GH	KOTOSKE
ART	117 D	DAUTHC T						4
AKI	OPEN O	RAWING, I.	ENTS IN TH	IE COLLEG	E OF FINE	AND APP	LIED ARTS	•
	AND IN	HOME ECONO						
	2 HOUR					070		201005 1112
	06544 06551	LAB	A B	9-12 9-12	M F TU TH	370 370	AR MOR Y AR MOR Y	BRIGGS AND STAFF
	06569	LAB	c	1-4	TU TH	384	ARMORY	STATE
	06576	LAB	D	9-12	TU TH	372	ARMORY	
	06583	LAB	E	9-12	M E	384	ARMORY	
	06591 06601	L A B L A B	F G	2-5 1-4	M F TU TH	372 370	ARMORY ARMORY	
	06619	LAB	Н	2-5	M F	370	ARMORY	
	00017	LAD		- /		3.0	Annon	
ART	118 0	RAWING, II.	,					
	OPEN O	NLY TO STU	DENTS IN TH		E OF FINE	AND APPI	LIED ARTS AND	
		E ECONOMICS						
	PREREQ 2 HOUR	UISITE: ART	117.					
	06626	LAB	Α	2-5	M F	384	ARMORY	BRIGGS AND
	06633	LAB	В	1-4	TU TH	372	ARMORY	STAFF
ART		ESIGN, I.						
		NLY TO STU			E OF FINE	AND APPL	IED ARTS	
	AND IN 2 HOUR	HOME ECON	MICS OPTIO	JN 1.				
	06641	LAB	A	9-12	TU TH	247	ARMORY	VONGUMPPENBER
	06658	LAB	В	9-12	W	247	ARMORY	AND STAFF
			B	2-5	W	247	ARMORY	
	06665	LAB	<u>c</u>	9-12	M F	386	ARMORY	
	066 <b>7</b> 2	LAB LAB	E E	9-12 2-5	TU TH M F	386 247	ARMORY ARMORY	
	06697	LAB	F	1-4	TU TH	247	ARMORY	
	06708	LAB	G	2-5	M F	386	ARMORY	
	06715	LAB	H	1-4	TU TH	386	ARMOR Y	
ART		ESIGN, II.	SENTS IN CO	ILLEGE DE	EINE AND	APPL TED	ARTS AND IN	
		CONOMICS OF		DEEL OF O	THE AND	4116160	ANTO ANTO ANT	
		UISITE: ART	119.					
	2 HOUR							
	06722 06730	L AB L AB	A B	9-12 9-12	M F TU TH	247 106	ARMORY F A B	VONGUMPPENBER AND STAFF
	00730	LAD	U	7-12	10 111	100	1 4 0	AND STAFF
ART	121 0	RAWING THE	RY.					
	2 HOUR							
	06747	LAB	A	9-12	M F	235	F A B	WALLACE AND
	06754	LAB	В	9-12	TU TH	235	FAB	STAFF
	06761	LAB	C C	9-12 2-5	W	235 235	F A B F A B	
	06779	LAB	D	9-12	M F	237	FAB	
	06786	LAB	E	2-5	M F	235	F A B	
	06793	LAB	F	1-4	TU TH	235	FAB	
		B 444 844						
ART	122	RAWING THE	JRY.					4
	2 HOUR		121.					
	06804	LAB	Ä	9-12	TU TH	237	FAB	
	06811	LAB	B	1-4	TU TH	237	FAB	

			RT 113, 11	4 AND 118.						
	2 HOURS	1 4 9	A B C C D E F G G H	0-12	M F TU TH W W M F TU TH TU TH W TU TH	219	E A	0		
	06836	LAB	B	9-12	TH TH	219	FA			
	06843	LAB	č	9-12	W	219	FA			
			Č	2-5	W	219	FA	В		
	06851	LAB	D	2-5	M F	219	E A	A		
	06868	LAB	E	2-5	TU TH	219	FΑ	В		
	06875	LAB	F	7-PM	TU TH	219	FA	В		
	06882	LAB	G	9-12	W	236	FA	В		
	04800	LAR	Ь	2-5	TH TH	219 219 236 236 236	F A	B		
	00070	LAU	"	2 )	10 111	230		U		
ART	126 LI	FE DRAWIN	G, II.							
		JISITE: AR	T 125.							
	2 HOURS	5								
	06901	LAB	Д	9-12	M F TU TH W M F TU TH TU TH W W TU TH	219				
	06918	LAB	В	9-12	TUTH	219	FA			
	00925	LAD	C	2-5		219	FA			
	06932	LAR	0	2-5	м Е	219	FA			
	06940	LAB	E	2-5	TU TH	219				
	06957	LAB	F	7-PM	TU TH	219	FA	В		
	06964	LAB	G	9-12	W	240	FA	В		
			G	2-5	W	240				
	06971	LAB	Н	2-5	TU TH	240	FA	В		
ART	129 AM	LATOMY. T								
ANI		JISITE: AR								
	2 HOURS	51 51 12 - 40	. 1100							
	06989		Δ	9-12	M F	236	FΑ	8		
ART	130 AN	IATOMY, II								
	2 HOURS	JISITE: AR	129.							
	06996	LAB	A	0-12	M F	240	E 1	D		
	00330	LAD	А	9-12	m r	240	FA	D		
ART	131 Et			IN.						
	PREREQU	JI SI TE: AR	T 113, 11		O, AND 122.					
	PREREQU 2 HOURS	JISITE: AR	T 113, 11	+, 118, 12						
	PREREQU 2 HOURS 07009	JISITE: AR LAB	A A	9-12	и г	9	FA	В	KOTOSK	
	PREREQU 2 HOURS 07009	LAB	A B	9-12 9-12	M F	9	F A F A	8 8	KOTOSK STAFF	
	PREREQU 2 HOURS 07009	JISITE: AR LAB LAB LAB	A B C	9-12 9-12	M F	9 9	F A F A F A	B B B		
	PREREQUES 07009 07016 07023	JISITE: AR LAB LAB LAB	A B C	9-12 9-12	M F	9 9 9 9	F A F A F A	B B B B		
	PREREQU 2 HOURS 07009	LAB LAB LAB	A B C	9-12 9-12	M F	9 9 9 9	F A F A F A	8 8 8 8 8		
	PREREQUES 07009 07016 07023	LAB LAB LAB	A B C C C D E	9-12	M F	9 9 9 9	F A F A F A F A	8 8 8 8 8		
	PREREQUE 2 HOURS 07009 07016 07023 07031 07048	LAB LAB LAB LAB	A B C C D E	9-12 9-12 9-12 9-12 2-5 2-5 2-5	M F	9 9 9 9 9	F A F A F A F A	8 8 8 8 8 8 8		
ART	PREREQUE 2 HOURS 07009 07016 07023 07031 07048	LAB LAB LAB LAB LAB	A B C C C D E	9-12 9-12 9-12 9-12 2-5 2-5 2-5	M F	9 9 9 9 9	F A F A F A F A	8 8 8 8 8 8 8		
ART	PREREQUE 2 HOURS 07009 07016 07023 07031 07048	LAB LAB LAB LAB LAB LAB	A B C C C D E	9-12 9-12 9-12 9-12 2-5 2-5 2-5	M F	9 9 9 9 9	FAAAAFAA	8 8 8 8 8 8		
ART	PREREQUE 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQUE 2 HOURS 2 HOURS	LAB LAB LAB LAB LAB LAB LAB	A B C C C D E COMPOSITIO	9-12 9-12 9-12 9-12 2-5 2-5 2-5	M F TU TH W W TU TH	9 9 9 9	F A F A F A	B B B B		
ART	PREREQUE 2 HOURS 07009 07016 07023 07031 07048	LAB LAB LAB LAB LAB LAB LAB	A B C C C D E COMPOSITIO	9-12 9-12 9-12 9-12 2-5 2-5 2-5	M F TU TH W W TU TH	9 9 9 9	F A F A F A	B B B B		
ART	PREREQUE 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQUE 2 HOURS 07055	LAB LAB LAB LAB LAB LAB LAB LAB JISITE: AR	A B C C C D E COMPOSITIO	9-12 9-12 9-12 9-12 2-5 2-5 2-5	M F	9 9 9 9	F A F A F A	B B B B		
	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQL 2 HOURS 07055 07062	LAB LAB LAB LAB LAB LEMENTARY JISITE: AR	A B C C D E C COMPOSITION T 131.	9-12 9-12 9-12 9-12 2-5 2-5 2-5	M F TU TH W W TU TH	9 9 9 9	F A F A F A	B B B B		
ART	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQL 2 HOURS 07055 07062	LAB	A B C C C D E COMPOSITION A B B	9-12 9-12 9-12 9-12 2-5 2-5 2-5 3N.	M F TU TH W M F TU TH	9 9 9 9 9 9 209	F A A A A A F F A	B B B B		
	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQL 2 HOURS 07055 07062	LAB LAB LAB LAB LAB LAB LAB LAB SIGN WORK	A B C C D E  COMPOSITIO T 131.  A B	9-12 9-12 9-12 9-12 2-5 2-5 2-5 2-5 2-5 2-5	M F TU TH W M F TU TH	9 9 9 9 9 209 209	F A A A A A A A A A UM.	B B B B B B B B B B B B B B B B B B B		
	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL 2 HOURS 07055 07062	LAB LAB LAB LAB LAB LAB LAB LAB SIGN WORK	A B C C D E  COMPOSITIO T 131.  A B	9-12 9-12 9-12 9-12 2-5 2-5 2-5 2-5 2-5 2-5	M F TU TH W M F TU TH	9 9 9 9 9 209 209	F A A A A A A A A A UM.	B B B B B B B B B B B B B B B B B B B		
	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQL 2 HOURS 07055 07062	LAB	A B C C D E C C D B E C C D E C C D D E C C D D D D D D D D	9-12 9-12 9-12 9-12 2-5 2-5 2-5 2-5 2-5 2-5	M F TU TH W M F TU TH	9 9 9 9 9 209 209	F A A A A A A A A A UM.	B B B B B B B B B B B B B B B B B B B		
	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQL 2 HOURS 07055 07062	LAB LAB LAB LAB LAB LAB LAB SIGN WORK LLY FOR ST SISTTE: AR SIGN WORK	A B C C C D E E COMPOSITION A B SISHOP. UDENTS IN T 118, 12:	9-12 9-12 9-12 9-12 2-5 2-5 2-5 2-5 30N.  9-12 9-12  INDUSTRIA 1, AND 122	M F TU TH  M F TU TH  CONSEN	9 9 9 9 209 209 RRICUL	FAAFAA FAA UM.	B B B B B B B B B B B B B B B B B B B		
	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQL 2 HOURS 07055 07062	LAB LAB LAB LAB LAB LAB LAB SIGN WORK LLY FOR ST SISTTE: AR SIGN WORK	A B C C C D E E COMPOSITION A B SISHOP. UDENTS IN T 118, 12:	9-12 9-12 9-12 9-12 2-5 2-5 2-5 2-5 30N.  9-12 9-12  INDUSTRIA 1, AND 122	M F TU TH  M F TU TH  CONSEN	9 9 9 9 9 209 209 RRICUL T OF I	FAAFAA FAA UM.	B B B B B B B B B B B B B B B B B B B		
	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQL 2 HOURS 07055 07062	LAB LAB LAB LAB LAB LAB LAB SIGN WORK LLY FOR ST SISTTE: AR SIGN WORK	A B C C C D E E COMPOSITION A B SISHOP. UDENTS IN T 118, 12:	9-12 9-12 9-12 9-12 2-5 2-5 2-5 2-5 30N.  9-12 9-12  INDUSTRIA 1, AND 122	M F TU TH W M F TU TH	9 9 9 9 9 209 209 RRICUL T OF I	FAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	B B B B B B B B B B B B B B B B B B B		
ART	PREREQUE 2 HOURS 3 HOURS 3 HOURS 3 HOURS 07070 07087	LAB	A B C C D E  COMPOSITIO T 131.  A B  SHOP. UDENTS IN T 118, 12: RRANGED. A B	9-12 9-12 9-12 9-12 2-5 2-5 2-5 2-5 30N.  9-12 9-12  INDUSTRIA 1, AND 122	M F TU TH  M F TU TH  CONSEN	9 9 9 9 9 209 209 RRICUL T OF I	FAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	B B B B B B B B B B B B B B B B B B B		
	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQL 2 HOURS 07055 07062 133 DI PRIMARI PREREQL 3 HOURS	LAB LAB LAB LAB LAB LAB LAB SIGN WORK LY FOR ST ISITE: AR LAB	A B C C C D E E COMPOSITION A B SHOP. UDENTS IN T 118, 12:  RRANGED. A B SHOP.	9-12 9-12 9-12 9-12 2-5 2-5 2-5 30N. 9-12 9-12 INDUSTRIA 2, AND 122 *9-12	M F TU TH  M  M F TU TH  DESIGN CU OR CONSEN  M F TU TH	9 9 9 9 209 209 RRICUL T OF I	FAAFAA FAA UM. NSTRU	B B B B B B B B B B B B B B B B B B B		
ART	PREREQL 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQL 2 HOURS 07055 07062 133 DRIMARI PREREQL 3 HOURS *3 HOURS	LAB LAB LAB LAB LAB LAB LAB SIGN WORK LLY FOR ST LAB	A B C C D E COMPOSITION T 131.  A B SHOP. UDENTS IN T 118, 12: URRANGED. A B SSHOP. UDENTS IN	9-12 9-12 9-12 9-12 2-5 2-5 2-5 30N. 9-12 9-12 INDUSTRIA 2, AND 122 *9-12	M F TU TH  M F TU TH  CONSEN	9 9 9 9 209 209 RRICUL T OF I	FAAFAA FAA UM. NSTRU	B B B B B B B B B B B B B B B B B B B		
ART	PREREQUE 2 HOURS 07009 07016 07023 07031 07048 132 EL PREREQUE 2 HOURS 07055 07062 133 DIFFEREQUE 3 HOURS *3 HO	LAB	A B C C D E COMPOSITION T 131.  A B SHOP. UDENTS IN T 118, 12: URRANGED. A B SSHOP. UDENTS IN	9-12 9-12 9-12 9-12 2-5 2-5 2-5 30N. 9-12 9-12 INDUSTRIA 2, AND 122 *9-12	M F TU TH  M  M F TU TH  DESIGN CU OR CONSEN  M F TU TH	9 9 9 9 209 209 RRICUL T OF I	FAAFAA FAA UM. NSTRU	B B B B B B B B B B B B B B B B B B B		
ART	PREREQUE 2 HOURS 7009 07016 07023 07031 07048 132 EL PREREQUE 3 HOURS 707055 07062 133 DE PRIMARI PREREQUE 3 HOURS 707007087 134 DE PRIMARI PREREQUE 3 HOURS 70700 07087	LAB LAB LAB LAB LAB LAB LAB LAB SIGN WORK LLY FOR ST LAB	A B C C C D E E COMPOSITION T 131. A B SINTER ANGEO. A B SINTER ANGEO. A C C C C C C C C C C C C C C C C C C	9-12 9-12 9-12 9-12 2-5 2-5 2-5 30N. 9-12 9-12 INDUSTRIA 2, AND 122 *9-12	M F TU TH  M  M F TU TH  DESIGN CU OR CONSEN  M F TU TH	9 9 9 9 209 209 RRICUL T OF I	FAAFAA FAA UM. NSTRU	B B B B B B B B B B B B B B B B B B B		
ART	PREREQL 2 HOURS 07009 07016 07023 07031 07048  132 EL PREREQL 2 HOURS 07055 07065  133 DI PREMARI PREREQL 3 HOURS 43 HOUR 07070 07087	LAB	COMPOSITION T 131.  A B  SHOP. UDENTS IN T 118, 12: RRANGED. A B  SHOP. UDENTS IN T 133.	9-12 9-12 9-12 9-12 2-5 2-5 2-5 2-5 3N.  9-12 9-12  INDUSTRIA	M F TU TH  W M F TU TH  L DESIGN CU OR CONSEN  M F TU TH	9 9 9 9 9 9 209 209 209 32 32 RRICUL	FAAFA UM.	B B B B B B B B B B B B B B B B B B B		
ART	PREREQL 2 HOURS 07009 07016 07023 07031 07048  132 EL PREREQL 2 HOURS 07055 07065  133 DI PREMARI PREREQL 3 HOURS 43 HOUR 07070 07087	LAB	A B C C C D E E COMPOSITION T 131. A B SINTER ANGEO. A B SINTER ANGEO. A C C C C C C C C C C C C C C C C C C	9-12 9-12 9-12 9-12 2-5 2-5 2-5 2-5 3N.  9-12 9-12  INDUSTRIA	M F TU TH  M  M F TU TH  DESIGN CU OR CONSEN  M F TU TH	9 9 9 9 9 9 9 209 RRICULT OF I 32 32 RRICUL	FAAFA UM.	BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB		

ART 125 LIFE DRAWING, I.

ART	141 STILL LIFE, I. PREREQUISITE: FRESHM	AN STANDING IN	ART.		
	2 HOURS 07112 LAB 07120 LAB 07137 LAB 07144 LAB 07151 LAB		M F TU TH M F TU TH TU TH	336 F A B 336 F A B 336 F A B 336 F A B	LANCASTER AND STAFF
ART	142 STILL LIFE, II. PREREQUISITE: ART 14 2 HOURS 07169 LAB 07176 LAB 07183 LAB 07191 LAB 07201 LAB	1.	M F TU TH M F TU TH TU TH	338 F A B 338 F A B 338 F A B 338 F A B 338 F A B	LANCASTER AND STAFF
ART	151 SCULPTURE, I. PREREQUISITE: ART 118	3, 120, 122 OR	ARCH. 234.		
	2 HOURS **SECTION D OPEN ONLY O7219 LAB 07226 LAB 07233 LAB 07258 LAB **O7241 LAB	TO STUDENTS IN	SCHI B THRE C	URRICULUM.  25 F A B  25 F A B	
ART	152 SCULPTURE, II. PREREQUISITE: ART 15: 2 HOURS 07265 LAB 07272 LAB 07280 LAB	2-5 3 2-5 7-PM	M F TU TH TU TH	25 F A B 25 F A B 25 F A B	
ART	161 CALLIGRAPHIC DE: PREREQUISITE: SOPHOMI 2 HOURS 77297 LAB 07308 LAB 07315 LAB 07312 LAB 07322 LAB	DRE STANDING IN	TU TH  M F  TU TH  M F	311 F A B 311 F A B 245 F A B	
	07315 LAB (	9-12	M F	245 F A B	
APT	162 LETTERFORM DESI PREREQUISITE: SOPHOMO 2 HOURS 07330 LAB 07347 LAB	DRE STANDING IN		311 F A B	
	07347 LAB I	3 2-5	TU TH	319 F A B	
ART	183 FREEHAND DRAWING PREREQUISITE: ART 18: 2 HOURS	. PRIMARILY F		IN ARCHITECTURE.	
	07354 LAB 07361 LAB 6	10-12 3 3-5	M W F	202 SURV BLDG 202 SURV BLDG	BRITSKY AND STAFF
ART	184 FREEHAND DRAWING PREREQUISITE: ART 183 2 HOURS	G, IV. B. PRIMARILY F	OR STUDENTS	IN ARCHITECTURE.	
	2 HOURS 07379 LAB / 07386 LAB	8-10 9-12	M W F TU TH		BRITSKY AND STAFF
ART	PRIMARILY FOR RECREA' PREREQUISITE: SOPHOME *CREDIT IS NOT GIVEN *2 HOURS	TION MAJORS IN DRE STANDING OR FOR BOTH ART 1	90 AND ART 2	03.	
	07393 LAB	10-12	M W F	107 F A B	
ART	191 RECREATIONAL CRA PRIMARILY FOR RECREAT PREREQUISITE: ART 190 2 HOURS	ION MAJORS IN	PHYSICAL EDU	CATION.	
	07404 LAB	10-12	M W F	107 F A B	

ART	192 ME PREREQU 2 HOURS		D JEWELRY	ANDING OF	CONSENT OF	INSTRU	CTO	₹.	
	07411	LAB	Α	9-12	M F	24	DK	Н	VON NEUMANN
	01429	LAD	8	2-5 7-PM	M F	24	DK	Н	VON NEUMANN
	07436	LAB	С	7 – P M	TU TH	24	DK	н	VON NEUMANN
ART	193 ME PREREQU	TALWORK AN	D JEWELRY	'. II.					
	2 HOURS	ISTIC ANT	172 +						
	07443	LAB	A	9-12	TU TH	24	D K	Н	MARCUS
ART		TTERY, I. ISITE: SOP	HOMORE SI	ANDING OR	CONSENT OF	INSTRU	JCTO	R.	
	2 HOURS		**** TO 51		ART EDUCATI	CN CUE	n t c	14 1114	
		LAB	Δ	9-12	THE TH	152	NE	1	FRITH
	07490	LAB	* B	2-5	M F	152	NE	L	PILCHER
	07468 07475	LAB LAB	* B C D	2-5	M F TU TH M F TU TH	152 152 152	NE	L	FRITH
	07482	LAB	E	7-PM	TU TH	152	NE	L	STAFF
ART	PREREQUI 2 HOURS	TTERY, II. ISITE: ART							
	*SECTIO	N B OPEN O	INLY TO ST	UDENTS IN	ART EDUCATI	ON CUR	RIC	JLUM.	
	07501	LAB	ā	9-12	TU TH M F	152	N E	L	FRITH
	07540	LAB	*8	2-5	M F	152	NE	L	PILCHER
	07518 07525	LA8	C	2-5 9-12 7-PM	M F	152	NE	L	STAFF
	07525 07532	L A B	E	7-PM	TU TH M F TU TH	152	N E	L	STAFF
ART	199 UN	DERGRADUAT	E OPEN SE	MINAR.					
	*MAY BE *0 TO 9	REPEATED.							
	07557			ARR					
		C	OURSES FO	R ADVANCE	D UNDERGRADU	IATES			
		С	OURSES FO	R ADVANCE	D UNDERGRADU	IATES			
ART	200 SE1	NIOR HONOR	S IN ART.						
ART	PR ER EQUI	NIOR HONOR	S IN ART.	ING IN AR	T, UNIVERSIT	Y GRAD			
ART	PR ER EQUI	NIOR HONOR ISITE: SEN OF 4.00,	S IN ART.	ING IN AR		Y GRAD			
ART	PREREQUI AVERAGE HEAD OF	NIOR HONOR	S IN ART. IOR STAND AND APPRO	ING IN AR	T, UNIVERSIT	Y GRAD			
ART	PREREQUIAVERAGE HEAD OF *MAY BE *2 TO 5	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS	S IN ART. IOR STAND AND APPRO	ING IN AR	T, UNIVERSIT RRICULUM ADV OURS	Y GRAD	ND		
ART	PREREQUIAVERAGE HEAD OF *MAY BE *2 TO 5	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED	S IN ART. IOR STAND AND APPRO	ING IN AR	T, UNIVERSIT RRICULUM ADV OURS	Y GRAD	ND		WICKS
	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC	S IN ART. IOR STAND AND APPRO T. FOR A TO1	ING IN AR	T, UNIVERSIT RRICULUM ADV OURS	Y GRAD	ND		WICKS
ART	PREREQUIAVERAGE HEAD OF *MAY BE *2 TO 5 07564	NIOR HONOR (SITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC	S IN ART. HIGH STAND AND APPRO T. FOR A TOT	ING IN AR VAL OF CU AL OF 5 H	T, UNIVERSIT RRICULUM ADV OURS	Y GRAD	ND		WICKS
	PREREQUIAVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA PREREQUI 2 HOURS	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC TER COLOR, ISITE: ART	S IN ART. HOR STAND AND APPRO T. FOR A TOT  &A  I. 118 AND	ING IN AR CVAL OF 5 H	T, UNIVERSIT RRICULUM ADV OURS	Y GRAD	FA	В	WICKS
	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA PREREQUI 2 HOURS 07571	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC TER COLOR, ISITE: ART	S IN ART. HOR STAND AND APPRO T. FOR A TOT  &A  I. 118 AND	ING IN AR CVAL OF 5 H	T, UNIVERSIT RRICULUM ADV OURS	TY GRAC TISOR A 1398	F A	8	WICKS
	PREREQUIAVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA PREREQUI 2 HOURS	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC  FER COLOR, ISITE: ART	S IN ART. HOR STAND AND APPRO T. FOR A TOT  &A  I. 118 AND	ING IN AR CVAL OF 5 H	T, UNIVERSIT RRICULUM ADV OURS	Y GRAD	F A	8	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA PREREQUI 2 HOURS 07571 07589	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC TER COLOR, ISITE: ART LAB LAB	S IN ART. IOR STAND AND APPROTE T. FOR A TOT  &A  I. 118 AND A B	ING IN AR CVAL OF 5 H	T, UNIVERSIT RRICULUM ADV OURS	TY GRAC TISOR A 1398	F A	8	WICKS
	PRERQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA PREREQUI 2 HOURS 07571 07589	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB	S IN ART. IOR STAND AND APPRO T. FOR A TOI  &A  I. 118 AND A B	ING IN AR CVAL OF 5 H	T, UNIVERSIT RRICULUM ADV OURS	TY GRAC TISOR A 1398	F A	8	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564 201 WA PREREQUI 2 HOURS 07571 07589 202 WA PREREQUI 2 HOURS	NIOR HONOR ISITE: SEN OF 4.00, DE 9400, DE PARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB IER COLOR, ISITE: ART	S IN ART. IOR STANC AND APPRO T. FOR A TO1  &A  I. 118 AND  A  B	ING IN AR IVAL OF CU AL OF 5 H ARR 120. 2-5 2-5	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH	1398 209 209	F A F A	B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA PREREQUI 2 HOURS 07571 07589  202 WA PREREQUI 2 HOURS	NIOR HONOR ISITE: SEN OF 4.00, DE 9400, DE PARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB IER COLOR, ISITE: ART	S IN ART. IOR STANC AND APPRO T. FOR A TO1  &A  I. 118 AND  A  B	ING IN AR IVAL OF CU AL OF 5 H ARR 120. 2-5 2-5	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH	1398 209 209	F A F A	B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564 201 WA PREREQUI 2 HOURS 07571 07589 202 WA PREREQUI 2 HOURS	NIOR HONOR ISITE: SEN OF 4.00, DE 9400, DE PARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB IER COLOR, ISITE: ART	S IN ART. IOR STANC AND APPRO T. FOR A TO1  &A  I. 118 AND  A  B	ING IN AR IVAL OF CU AL OF 5 H ARR 120. 2-5 2-5	T, UNIVERSIT RRICULUM ADV OURS	1398 209 209	F A F A	B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA PREREQUI 2 HOURS 07571 07589  202 WA PREREQUI 2 HOURS 07596 07607	NIOR HONOR ISITE: SEN OF 4.00, DE 4.00, DE PARTMEN REPEATED HOURS LAB-DISC IFER COLOR, ISITE: ART LAB LAB IFER COLOR, LSITE: ART LAB LAB	IN ART. IOR STAND AND APPRO T. FOR A TO1  &A  I. 118 AND A B  II. 201. A B	ING IN ARR  ARR  120.  2-5 2-5 2-5	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH	1398 209 209	F A F A	B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE 2 TO 5 07564 201 WA PREREQUI 2 HOURS 07571 07589 202 WA PREREQUI 2 HOURS 07596 07607	NIOR HONOR ISITE: SON OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC  TER COLOR, ISITE: ART LAB LAB IER COLOR, ISITE: ART LAB LAB TER COLOR, ISITE: ART LAB LAB LAB TER COLOR, ISITE: ART LAB	IN ART. IOR STAND AND APPRO T. FOR A TOI  EA  I. 118 AND A B  II. 201. A B	DING IN AR IVAL OF 5 H ARR  120. 2-5 2-5 2-5	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH	1398 209 209	F A F A	B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564 201 WA PREREQUI 2 HOURS 07571 07589 202 WA PREREQUI 2 HOURS 07596 07607	NIOR HONOR ISITE: SEN OF 4.00, DE 4.00, DE PARTMEN REPEATED HOURS LAB-DISC IFER COLOR, ISITE: ART LAB	S IN ART. IOR STAND AND APPRO T. FOR A TO1  &A  I. 118 AND A B  II. 201. A B  II. 101.	ING IN ARR  120. 2-5 2-5  ORY.	T, UNIVERSIT RRICULUM ADV  OURS  M F TU TH	1398 209 209 209 209	F A F A	B B	WICKS
ART	PREREQUI AVERAGE HEAD OF MAY BE #2 TO 5 07564  201 WA PREREQUI 2 HOURS 07571 07589  202 WA PREREQUI 2 HOURS 07607  203 AR FOR NON- PREREQUI CREDUIT	NIOR HONOR ISITE: SEN OF 4.00, OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB FER COLOR, ISITE: ART LAB LAB TEDUCATIO -ART STUDE ISITE: JUN S NOT GIV	S IN ART. IOR STAND AND APPRO T. FOR A TO1  &A  I. 118 AND A B  II. 201. A B  II. 101.	ING IN ARR  120. 2-5 2-5  ORY.	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH	1398 209 209 209 209	F A F A	B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *Z TO 5 07564  201 WA1 PREREQUI 2 HOURS 07571 07589  202 WA1 PREREQUI 2 HOURS 07607  203 AR1 FOR NON-PREREQUI CREDIT I 2 HOURS	NIOR HONOR ISITE: SEN OF 4.00, DE 9ARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB FIR COLOR, ISITE: ART LAB LAB TEDUCATIO ART STUDE ISITE: JUN ISITE: J	S IN ART. IOR STAND AND APPRO T. FOR A TOI  EA  I. 118 AND A B  II. 201. A B  III. 201. A B  III. 201. A B  III. 201. A B  III.	ING IN ARR  120. 2-5 2-5  ORY.  ING. 19	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH  O AND ART 20	1398 1398 209 209 209	F A F A F A	B B B B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *Z TO 5 07564  201 WA1 PREREQUI 2 HOURS 07571 07589  202 WA1 PREREQUI 2 HOURS 07607  203 AR1 FOR NON-PREREQUI CREDIT I 2 HOURS	NIOR HONOR ISITE: SEN OF 4.00, DE 9ARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB FIR COLOR, ISITE: ART LAB LAB TEDUCATIO ART STUDE ISITE: JUN ISITE: J	S IN ART. IOR STAND AND APPRO T. FOR A TOI  EA  I. 118 AND A B  II. 201. A B  III. 201. A B  III. 201. A B  III. 201. A B  III.	ING IN ARR  120. 2-5 2-5  ORY.  ING. 19	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH  O AND ART 20	1398 1398 209 209 209	F A F A F A	B B B B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564 201 WA PREREQUI 2 HOURS 07571 07589 202 WA PREREQUI 2 HOURS 07596 07607 203 AR FOR NOUN- PREREQUI CREDIT I 2 HOURS 07614 07621 07639	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC IFER COLOR, ISITE: ART LAB LAB LAB IFER COLOR, ISITE: ART LAB	S IN ART. IOR STANC AND APPRO T. FOR A TO1  &A  II. 118 AND  A  B  II. 201.  A  B  II. 201.  A  B  III. 201.  A  B  III. 201.  A  B  C  III. A  B  C  III. A  B  C  A  B  C  A  B  C  A  B  C	ING IN ARR  120. 2-5 2-5  ORY.  ING. 19	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH  O AND ART 20	1398 1398 209 209 209	F A F A F A	B B B B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *Z TO 5 07564  201 WA1 PREREQUI 2 HOURS 07571 07589  202 WA1 PREREQUI 2 HOURS 07607  203 AR1 FOR NON-PREREQUI CREDIT I 2 HOURS	NIOR HONOR ISITE: SEN OF 4.00, DE 9400, DE 9400, REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB FER COLOR, ISITE: ART LAB LAB ISITE: ART	S IN ART. IOR STAND AND APPRO T. FOR A TOI  EA  I. 118 AND A B  II. 201. A B  III. 201. A B  III. 201. A B  III. 201. A B  III.	ING IN ARR  120. 2-5 2-5  ORY.  ING. 19	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH	1398 1398 209 209 209	F A F A F A	B B B B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564 201 WA PREREQUI 2 HOURS 07571 07589 202 WA PREREQUI 2 HOURS 07607 203 AR FOR NON- PREREQUI CREDIT I 2 HOURS 07614 07621 07621 07621 07626	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB LAB FER COLOR, ISITE: ART LAB	IN ART. IOR STAND AND APPRO T. FOR A TO1  &A  I. 118 AND A B  II. 201. A B  IN LABORAT NTS UNLY. IOR STAND EN FOR BC  A B C D	2-5 2-5  ORY.  ING. 10 ART 19  8-10 1-3 3-5 3-5	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH  O AND ART 20	1398 1398 209 209 209	F A F A F A	B B B B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA PREREQUI 2 HOURS 07571 07589  202 WAA PREREQUI 2 HOURS 07596 07607  203 AR: FOR NON-PREREQUI CREDIT 1 2 HOURS 07614 07621 07639 07646	NIOR HONOR ISITE: SEN OF 4.00, DEPARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB LAB FER COLOR, ISITE: ART LAB	IN ART. IOR STANC AND APPRO T. FOR A TO1  &A  II. 118 AND  A B  III. 201. A B  IN LABORAT NTS ONLY. IOR STANC EN FOR BC  D  N LABORAT	2-5 2-5 2-5 0RY.	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH  O AND ART 20 M W F M W F M W F M W F M W F	1398 1398 209 209 209	F A F A F A	B B B B B	WICKS
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA1 PREREQUI 2 HOURS 07571 07589  202 WA1 PREREQUI 2 HOURS 07560 07607  203 AR1 FOR NON-PREREQUI CREDIT! 2 HOURS 07614 07621 07639 07646  204 AR1 PREREQUI 2 HOURS	NIOR HONOR ISITE: SEN OF 4-00, DE PARTMEN REPEATED HOURS LAB-DISC FER COLOR, ISITE: ART LAB LAB IFER COLOR, ISITE: ART LAB	IN ART. IOR STAND AND APPRO T. FOR A TOI  EA  I. 118 AND A B  II. 201. A B  II. 201. A B  II. 201. A B  III. 201. A B B  III. 201. A B B III. 201. A B III. A B	ING IN ARR  VAL OF 5 H  ARR  120.  2-5 2-5  ORY.  ING. 11H ART 19  8-10 1-3 3-5 3-5  ORY.  UNIOR STA	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH  O AND ART 20 M W F M W F M W F M W F M W F	209 209 209 209 209 106 106 107	F A F F A A F F F F F F F F F F F F F F	B B B B B B B B B B B B B B B B B B B	
ART	PREREQUI AVERAGE HEAD OF *MAY BE *2 TO 5 07564  201 WA PREREQUI 2 HOURS 07571 07589  202 WA PREREQUI 2 HOURS 07596 07607  203 AR FOR NOM- PREREQUI CREDIT I 2 HOURS 07614 07621 07639 07646	NIOR HONOR ISITE: SEN OF 4-00, DEPARTMEN REPEATED HOURS LAB-DISC  FER COLOR, ISITE: ART LAB LAB IFER COLOR, ISITE: ART LAB	IN ART. IOR STANC AND APPRO T. FOR A TO1  &A  II. 118 AND  A B  III. 201. A B  IN LABORAT NTS ONLY. IOR STANC EN FOR BC  D  N LABORAT	2-5 2-5 2-5 0RY.	T, UNIVERSIT RRICULUM ADV OURS  M F TU TH  O AND ART 20 M W F M W F M W F M W F M W F	1398 1398 209 209 209	F A F F A A F F F F F F F F F F F F F F	B B B B B B B B B B B B B B B B B B B	WICKS

ART	INSTRUCTOR.	VE ART FOR CHILDS E: JUNIOR STANDIS	REN. NG IN AR1	EDUCATION	OR CONSENT OF	
	3 HOURS *1 HOUR TO E	RE APPANCED				
			*4	W	133 F A B	BREEN
	07661 LAB	3 A	8-10	S	106 F A B	
		A	8-10	S	107 F A B	
	07678 LAE	B B	10-12 10-12	S	106 F A B 107 F A B	
		В	10-12	3	IOI PAD	
ART		ZATION OF PUBLIC				
	3 HOURS	E: JUNIOR STANDIN	NG IN ART	OK CONSENT	OF INSTRUCTOR.	
	07692 LEC	CT A	8	M W F	207 F A B	MARSHALL
ART	SUPPLIES COS	PHOTOGRAPHY, I. ST APPROXIMATELY E: JUNIOR STANDIN	\$40.	OD CONCENT	OF INCTOUCTOR	
	3 HOURS	L. JOHION STANDIN	IO IN AKI	OK CONSENT	OF INSTRUCTOR.	
		TO BE ARRANGED				
	07703 LAB		*8-10	M W F	335 F A B	PARKER
	07711 LAB 07728 LAB	B B C	*9-12 *7-PM	TU TH TU TH	335 F A B 335 F A B	NAMETH SINSABAUGH
	07735 LAB		*3-5	M W F	335 F A B	PARK ER
ART	216 BASIC P SUPPLIES COS PREREQUISITE	PHOTOGRAPHY, II. ST APPROXIMATELY E: ART 215.	\$40.			
	*STUDENTS MA	AY ACCUMULATE 6 H	OURS WIT	H CONSENT O	F INSTRUCTOR.	
	#3 HOURS	MENDED THAT ART 2	16 RE TA	KEN NO LATE	P THAN ONE	
		TER COMPLETION OF			K I HAN UNE	
	*SECTION C C	DPEN ONLY TO STUD	ENTS REP	EATING ART	216	
	THREE HOURS	TO BE ARRANGED.				
	07742 LAB		10-12 2-5	M W F TU TH	335 F A B 335 F A B	PARKER SINSABAUGH
	07767 LAB		lR	10 111	132 F A B	SINSABAUGH
ART		EDIATE DRAWING, I		•		
	07774 LAB	3 А	9-12	TU TH	236 F A B	
	07781 LAB		2-5	M F	236 F A B 236 F A B	
	07799 LAB	3 C	7-PM	TU TH	236 F A B	
ART	226 INTERME PREREQUISITE 2 HOURS	EDIATE DRAWING, 1	11.			
	07800 LAB		9-12	TU TH	240 F A B	
	07817 LAB		2 - 5	M F	240 F A B	
	07824 LAB	3 C	7-PM	то тн	240 F A B	
ART	231 INTERME PREREQUISITE 3 HOURS	EDIATE COMPOSITIONE: ART 132.	ON, I.			
	07831 LAB 07849 LAB		9-12 2-5	M W F	324 F A B 324 F A B	
	07049 LAD	) В	2-5	и и г	324 F A D	
ART	232 INTERME PREREQUISITE 3 HOURS	EDIATE COMPOSITIO	ON, II.			
	07856 LAB		9-12	M W E	324 F A B	
	07863 LAB	3 B	2-5	M W F	324 F A B	
ART	233 ADVANCE PREREQUISITE	ED COMPOSITION, 1 E: ART 232.				
	3 HOURS					
	07871 LAB	3 A A	9-12 2-5	TU TH W	308 F A B 308 F A B	
	07888 LAB		2-5 9-12	TU TH	318 F A B	
	LAU	8	2-5	W	318 F A B	

ART	234 AC PREREQU 3 HOURS	VANCED COM	233.							
	07895	LAB	A	9-12	TUTH	308	F	В		
	07906	LAB	B	9-12	W TU TH	318	F	В		
			В	2-5	TU TH W TU TH W	318	F	В		
ART	PREREQU 2 HOURS	GURE PAINT HISITE: JUN	IOR STAN							
	07913 07921	LAB	A	9-12	TU TH	324	F /	В		
	07938	LAB LAB LAB	C	7-PM	TU TH TU TH TU TH	324	F	В		
ART	PREREQU 2 HOURS	GURE PAINT	243.							
	07945	LAB	Α	9-12	TU TH	324	F	8	λ,	
	07952 07960	L AB	B C	2-5 7-PM	TU TH TU TH TU TH	324	F	B		
ART	PREREQU 3 HOURS	VANCED PAI	226 AND	244.		200	-			
	07977 07984	L A B L A B	В	9-12	M W F	318	F	8		
ART	PREREQU 3 HOURS	VANCED PAI	245.							
	07991	LAB	A	9-12	M W F	308	F	В		
	08004	LAB	В	9-12	M M F	318	F 4	В		
ART	24.0 5.0	ECIAL PROB	EMC							
AKI	PREREQU *MAY BE	ISITE: JUN REPEATED	IOR STANK	DING IN AR	T AND CONSE	NT OF	INS.	RUCT	ror .	
	*2 HOUR	S			HI SEMESIEK	110013	•			
	*2 HOUR 08011	LAB-DISC	Α	ARR	HI SEMESIEK			В		WICKS
	*2 HOUR 08011 08029	LAB-DISC LAB-DISC	A B		HI SEMESTEK			В		WICKS
	08011 08029	LAB-DISC LAB-DISC	₿	ARR ARR	HI SEMESTEK			В		
ART	08011 08029 251 AD PREREQU	LAB-DISC LAB-DISC VANCED SCU ISITE: ART	B	ARR ARR		1398 1398	F			
ART	08011 08029 251 AD PREREQU	LAB-DISC LAB-DISC VANCED SCU ISITE: ART	B	ARR ARR		1398 1398	F			
ART	08011 08029 251 AD PREREQU	LAB-DISC LAB-DISC VANCED SCU ISITE: ART	B	ARR ARR	M F TU TH TU TH	1398 1398	F			
ART	08011 08029 251 AD PREREQU	LAB-DISC LAB-DISC VANCED SCU ISITE: ART	B	ARR ARR		1398 1398	F			
ART	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS	LAB-DISC LAB-DISC VANCED SCU ISITE: ART LAB LAB LAB LAB	B LPTURE, 1 152. A B C	ARR ARR 2-5 2-5 7-PM	M F TU TH TU TH	1398 1398 25 25 25	F / F /	. В . В		
	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS 08068	LAB-DISC LAB-DISC VANCED SCU ISITE: ART LAB LAB LAB LAB	B LPTURE, 1 152. A B C	ARR ARR 2-5 2-5 7-PM	M F TU TH TU TH	1398 1398 25 25 25	F / F /	. В . В		
	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS	LAB-DISC LAB-DISC VANCED SCU ISITE: ART LAB LAB LAB LAB VANCED SCU ISITE: ART	B LPTURE, 1 152. A B C	ARR ARR 2-5 2-5 7-PM		1398 1398 25 25 25	F / F /	. В . В		
	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS 08068 08075 08082	LAB-DISC LAB-DISC VANCED SCUISITE: ART LAB	B LPTURE, 1 152.  A B C LPTURE, 1 251.  A B C	ARR ARR 2-5 2-5 7-PM	M F TU TH TU TH	1398 1398 25 25 25	F / F /	. В . В		
ART	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS 08068 08075 08082	LAB-DISC VANCED SCU ISITE: ART LAB LAB LAB VANCED SCU ISITE: ART LAB LAB LAB  VANCED SCU ISITE: ART	B EPTURE, 1 152.  A B C LPTURE, 1 251.  A B C SCULPTUR 152.	2-5 2-5 7-PM	M F TU TH TU TH TU TH	1398 1398 25 25 25 25	F / F / F / F / F / F / F / F / F / F /	B B B B B B B B B B B B B B B B B B B		
ART	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS 08068 08075 08082	LAB-DISC VANCED SCU ISITE: ART LAB LAB LAB VANCED SCU ISITE: ART LAB LAB LAB  VANCED SCU ISITE: ART	B EPTURE, 1 152.  A B C LPTURE, 1 251.  A B C SCULPTUR 152.	2-5 2-5 7-PM	M F TU TH TU TH TU TH	1398 1398 25 25 25 25	F / F / F / F / F / F / F / F / F / F /	B B B B B B B B B B B B B B B B B B B		
ART	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS 08068 08075 08082	LAB-DISC LAB-DISC VANCED SCUISITE: ART LAB	B EPTURE, 1 152.  A B C LPTURE, 1 251.  A B C SCULPTUR 152.	2-5 2-5 7-PM	M F TU TH TU TH	1398 1398 25 25 25 25	F / F / F / F / F / F / F / F / F / F /	B B B B B B B B B B B B B B B B B B B		
ART	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS 08068 08075 08082 253 IN PREREQU 2 HOURS 08090 08101 08118	LAB-DISC LAB-DISC VANCED SCUISITE: ART LAB	B LPTURE, 1 152. A B C LPTURE, 1 251. A B C	2-5 2-5 7-PM  II.  2-5 2-5 7-PM  2-5 2-5 7-PM	M F TU TH TU TH TU TH	1398 1398 25 25 25 25	F / F / F / F / F / F / F / F / F / F /	B B B B B B B B B B B B B B B B B B B		
ART	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS 08068 08075 08082 253 IN PREREQU 2 HOURS 08090 08101 08118 254 IN PREREQU 2 HOURS	LAB-DISC LAB-DISC VANCED SCU ISITE: ART LAB	B ELPTURE, 1 152.  A B C LPTURE, 1 251.  A B C SCULPTUR 152.  A B C SCULPTUR 253.	2-5 2-5 7-PM  II.  2-5 2-5 7-PM  2-5 2-5 7-PM	M F TU TH  TU TH  M F TU TH  TU TH  TU TH  TU TH	1398 1398 25 25 25 25	F / F / F / F / F / F / F / F / F / F /	B B B B B B B B B B B B B B B B B B B		
ART	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS 08068 08075 08082 253 IN PREREQU 2 HOURS 08090 08101 08118 254 IN PREREQU 2 HOURS 08090	LAB-DISC LAB-DISC VANCED SCUISITE: ART LAB	B ELPTURE, 1 152.  A B C C C SCULPTUR 152.  A B C C SCULPTUR 152.  A B C C SCULPTUR 152.	2-5 2-5 7-PM  II.  2-5 2-5 7-PM  RE, I.  2-5 7-PM	M F TU TH	139B 139B 25 25 25 25 25 25 25		A B B B B B B B B B B B B B B B B B B B		
ART	08011 08029 251 AD PREREQU 2 HOURS 08036 08043 08051 252 AD PREREQU 2 HOURS 08068 08075 08082 253 IN PREREQU 2 HOURS 08090 08101 08118 254 IN PREREQU 2 HOURS	LAB-DISC LAB-DISC VANCED SCUISITE: ART LAB	B ELPTURE, 1 152.  A B C LPTURE, 1 251.  A B C SCULPTUR 152.  A B C SCULPTUR 253.	2-5 2-5 7-PM  II.  2-5 2-5 7-PM  RE, I.  2-5 2-5 7-PM	M F TU TH	1398 1398 25 25 25 25 25 25 25 25		8 B B B B B B B B B B B B B B B B B B B		

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ART 255
         SCULPTURE MATERIALS AND TECHNIQUES, I.
PREREQUISITE: ART 152 AND JUNIOR STANDING IN SCULPTURE.
         3 HOURS
         *THREE HOURS TO BE ARRANGED.
       08157 LAB A
08164 LAB B
08171 LAB C
                                       *2-5
                                       *2-5 M F
*2-5 TU TH
*7-PM TU TH
                                                           25 F A B
25 F A B
25 F A B
                  LAB
             SCULPTURE MATERIALS AND TECHNIQUES, II.
      256
       PREREQUISITE: ART 255.
         3 HOURS
**THREE HOURS TO BE ARRANGED.*
1189 LAB A *2-5 M F 25 F A B
1196 LAB B *2-5 TU TH 25 F A B
         3 HOURS
       08189 LAB A
08196 LAB B
08207 LAB C
    257 ADVANCED SCULPTURE, I.
ART
       PREREQUISITE: ART 254.
         2 HOURS
       08214 LAB A
08221 LAB B
08239 LAB C
                                  2-5 M F 25 F A B
2-5 TU TH 25 F A B
7-PM TU TH 25 F A B
ART
             ADVANCED SCULPTURE, II.
       PREREQUISITE: ART 257.
         2 HOURS
       08253 LAB B
08246 LAB A
08261 LAB C
                                       2-5 TU TH 25 F A B
2-5 M F 25 F A B
7-PM TU TH 25 F A B
ART
              ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, I.
        PREREQUISITE: ART 256.
         3 HOURS
       ΔRT
             ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, II.
       PREREQUISITE: ART 259.
       REPRODUCTION GRAPHICS.

PREREQUISITE: JUNIOR STANDING IN GRAPHIC DESIGN.

FIELD TRIPS REQUIRED.
ART
         2 HOURS
                         А
                LAB
                                  9-12 TU TH 319 F A B
                                                                                PERLMAN
       08335
              TELEVISION GRAPHICS.
       PREREQUISITE: SENIOR STANDING IN GRAPHIC DESIGN.
        2 HOURS
8342 LAB A 9-12 TU TH 245 F A B
8350 LAB B 2-5 TU TH 245 F A B
       08342 LAB
08350 LAB
                                                                                KORBUS
        FOR GRAPHIC DESIGN, I.

PREREQUISITE: ART 161 AND 162 FOR GRAPHIC DESIGN MAJORS; JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR FOR OTHERS.
ART
         3 HOURS
       266 GRAPHIC DESIGN. II.
        PREREQUISITE: ART 265.
         3 HOURS
         *THREE HOURS TO BE ARRANGED.
381 LAB A *2-5 M F 319 F A 8
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08381

ART	267 GR PREREQU 3 HOURS	ISITE: AR	IGN, III. T 266.						
	08399 08400 08417	LAB LAB LAB	A B C	9-12 2-5 9-12	M W M W	F 31 F 31	19 F A 19 F A .9 F A	В	
ART	3 HOURS	ISITE: AR	T 267.						
	08424 08431 08449	LAB LAB LAB	A B C	9-12 2-5 9-12	M W M W M W	F 31 F 31	.9 F A	B B B	
ART		ISITE: AR	ND PROCESSE T 134.	ES. I.					
	08456	LAB	A	9-12	M W	F 2	20 F A	В	PRICE
	08463	LAB	8 B	2-5 2-5	M W M W M W	F 3	32 F A 20 F A 32 F A	B B	PRICE
ART	PREREQU 3 HOURS	ISITE: AR	ND PROCESSI T 271.						
	08471	LAB	A A	9-12 9-12	M W	F 2	20 F A 32 F A 20 F A	В В	PRICE
	08488	LAB	B B	9-12 9-12 2-5 2-5	M W	F 3	20 F A	B B	PRICE
ART	FIELD T 3 HOURS	ISITE: AR RIP REQUI	T 134. RED.						
	08495 08506	L AB L AB	A B	9-12 2-5	M W	F 4	+0 F A	B B	
ART	FIELD T	ISITE: AR RIP REQUI	T 275. RED.						
	08513 08521	LAB LAB	A B	9-12 2-5	M W M W	F 4	O F A	B B	
ART	PREREQU: 5 HOURS	ISITE: AR							
	08538	LAB	A A	9-12 2-5	TU TH	1 S 1	12 F A	B B	
ART	5 HOURS	ISITE: AR	7 277.						
	08545	LAB	A A	9-12 2-5	TU TH	1 S 1	L2 FA	B B	
ART	281 FRI PREREQU 2 HOURS	ISITE: AR	T 184.						
	08552 08560	LAB LAB	A B	9-12 8-11	TU T⊦ M	f 10	04 SURV 04 SURV	BLDG BLDG	BRITSKY AND STAFF
	08577 08584	LAB	C	9-12 1-4	TU TH	1 20	1 SURV	BL DG BL DG	
	08577 08584 08591 08602	LAB LAB	A B C D E F	1-4	TU TH M TU TH TU TH TU TH	1 20	02 SURV 01 SURV	BLDG BLDG	
ART	282 FRI PREREQU 2 HOURS								
	08610 08627	LAB LAB	<b>А</b> В	9-12 8-11	TU TH	F 10	04 SURV	BLDG BLDG	BRITSKY AND STAFF
	08634 08641	LAB LAB	C D	9-12 1-4	TU TH	1 20	1 SURV	BLDG BLDG	
	08659 08666	LAB LAB	A B C D E F	9-12 8-11 9-12 1-4 1-4	TU TH	1 20	02 SURV	BLDG BLDG	

ART	PRE RE QUI		OR STANDIN	NG IN ART	OR CONSE	NT OF INSTRUCTOR.	
	2 HOURS 08673 08681	LAB	A B B	2-5 9-12 7-PM	M F S	GRAD STUDIO GRAD STUDIO GRAD STUDIO	ROWAN AND STAFF
ART		NTMAKING, I	283 •				
	2 HOURS 08698 08709	L AB L AB	<b>A</b> B B	2-5 9-12 7-PM	M F S TH	GRAD STUDIO GRAD STUDIO GRAD STUDIO	ROWAN AND STAFF
ART	285 LII PREREQUI 2 HOURS	HOGRAPHY, I	DR STANDIN	NG IN ART	OR CONSE	NT OF INSTRUCTOR.	
	08716	LAB	A	9-12	TU TH	103 SURV BLDG	DOWELL
ART		HOGRAPHY, I					
	08723		А	2-5	TU TH	103 SURV BLDG	DOWELL
ART	288 GLA PREREQUI INSTRUCT 2 HOURS	OR.	I. 134; JUNIO	OR STANDI	NG IN ART	OR CONSENT OF	
	08731		Α	2-5	TU TH	151 N E L	MARCUS
ART	PRE RE QUI	AMIC RAW MA SITE: L. A. ERAMIC EMPH	S. 141,		IOR STAND	ING IN CURRICULUM IN	
		LAB	A	9-12	M F	152 N E L	PILCHER
ART	PR ER EQU 1	UM IN CRAFT	S. 141,	142, ART EMPHASI	290, JUN S.	IOR STANDING IN	
	08755	LAB	A	9-12	M F	152 N E L	PILCHER
ART	292 INT PREREQUI 3 HOURS	RODUCTION T	OR STANDIN	DESIGN IN NG IN CUR	JEWELRY. RICULUM II	N CRAFTS.	
	08762 08770		A B	9-12 2-5	M W F	24 D K H 24 D K H	VON NEUMANN VON NEUMANN
ART	PREREQU1	ELOPMENT OF		ESIGN IN	JEWELRY.		
	3 HOURS 08787		A	9-12	TUWTH	24 D K H	MARCUS
ART	294 CER PREREQUI 3 HOURS	AMIC DESIGN	N, I. DR STANDI!	NG IN CUR	RICULUM II	N CRAFTS.	
	08794		A AF	RR		152 N E L	PILCHER
ART		AMIC DESIGN	294 •			162 M E 4	BILICHED
	00003					152 N E L	PILCHER
ART	PREREQUI 5 HOURS		293.				
	08812	LAB	A	9-12	MTUWTHF	24 DKH	MARCUS AND VON NEUMANN

ART	PREREQUI 5 HOURS	STRUCTION O SITE: ART 2	96.					
	08820	LAB	Α	9-12	MTUWTHF	24	D К Н	MARCUS AND VON NEUMAN
ART		AMIC DESIGN SITE: ART 2						
	08837	LAB	Δ	9-12	MTUWTHF	152	NEL	PILCHER
ART		AMIC DESIGN SITE: ART 2						
	08844	LAB	А	9-12	MTUWTHE		NEL	PILCHER
		COURSES	FOR ADV	ANCED UND	ERGRADUATES	S AND	GRADUATES	
ART	PREREQUI CONSENT 2 HOURS.	WING. SITE: CONSE OF DEPARTME OR 1/2 TO	NTAL GRA	DUATE COM	MITTEE.			
	08851 08869	LAB	В А	7-PM RR	TU TH	134	F A B	
ART	PREREQUI CONSENT FOR M. F	NTING. SITE: ART 1: OF DEPARTME . A. IN PAI MAY BE REPE	NTAL GRA	DUATE COM	MITTEE. NO	OT OPE	FUDENTS, EN TO CANDIDATE	S
		HOURS, OR 1	/2 TO 1		OF TWO UNIT		F A B	BR AD SH A W
ART	PREREQUI 2 HOURS	NTING MATER SITE: ART 1 OR 1/2 UNIT	42 OR GR	ADUATE ST	ANDING IN A			
	08883		A	7-PM	TUW	339	FAB	KE NNED Y
ART	PREREQUI CONSENT FOR M. F 2 HOURS.	OR 1/2 TO	NTAL GRA: NTING.	UIVALENT. DUATE COM	FOR GRADU	JATE S DT OPE	STUDENTS, EN TO CANDIDATE	S
	08891 08901	LAB LAB	A A	RR RR			STUDIO STUDIO	ROWAN
ART	DEPARTME	SITE: ART 2 NTAL GRADUA	TE COMMI		TE STUDENTS	, con	NSENT OF	
	08919	OR 1/2 TO LAB	A A	RR		103	SURV BLDG	DOWELL
ART	PREREQUI *MAY BE	TOGRAPHY. SITE: ART 2 REPEATED FO	R A TOTA	UIVALENT, L OF 6 HO	AND CONSEN JRS OR 2 UN	NT OF	INSTRUCTOR.	
	08926		A A	RR		132	F A B	SINSABAUGH
ART	PREREQUI *STUDENT *3 HOURS	EMATOGRAPHY SITE: ART 2 S MAY ACCUM , OR 1/2 TO URS TO BE A	15 AND COULATE 6 F			۲.		
	08933 08941	LAB LAB	A B	7-PM 2-5	TU TH TU TH	20 <b>7</b> 20 <b>7</b>	F A B F A B	NAMETH NAMETH
ART	PREREQUI	ANCED SCULP SITE: ART 2	52 OR EQI	HNIQUES. UIVALENT.				
	2 HOURS, 08958	OR 1/2 TO LAB	1 UNIT	RR		25	F A B	GALLO

ART	392 SI PREREQU 2 HOURS	ISITE: CON:	SENT OF	INSTRUCTOR	•						
	08965 08972	LAB LAB	A 8	9-12 2-5	M	F	24 24	DKH		VON	NEUMANN
ART	PREREQU	LVERSMITHIN	SENT OF	INSTRUCTOR	•						
	08980	LAB	A	ARR			152	NEL		VON	NEUMANN
ART	PREREQU 2 TO 4	RAMIC DESIGNATION OF LAB	295 OR 1/2 TO	CONSENT OF				NEL		FRIT	'н
	30771			7							
				COURSES FOR	GRADUA	TES					
ART	450 ST PREREQU 1 UNIT	UDIES IN MO ISITE: CONS	DDERN A SENT OF	RT. INSTRUCTOR	•						
	09000		Α	ARR			11N	AR CH		FRAN	ICI S CONC
ART	PREREQU INSTRUC	TOR.		ART. 20, OR EQUI	V AL ENT ;	OR C	ONSEN	T OF			
	1 UNIT. 09017	CONF	Α	ARR			11N	ARCH		PINN	IELL
ART	PREREQU OR CONS 1 TO 3	APHIC DESIGNATES APPLICATION OF THE UNITS	DLLMENT	IN THE M.	UATE CO	MMITT		GRAPHIC	DESIGN,		
	09024 09031 09049	ENT OF THE UNITS LAB LAB	A B C	ARR ARR ARR			327	F A B F A B		STER	KEL
ART	PREREQU DESIGN	ISITE: ENRO	SENT OF	ABORATORY. IN THE M. THE DEPART	F. A. P MENTAL	ROGRA GRADU	M IN :	INDUSTR DMM ITTE	I AL		
	1 TO 3 09056 09063		А	ARR				FAB		ZAGO	RSKI
	09063 09071	LAB LAB	B C	ARR ARR				F A B			
ART	491 SP	ECIAL PROBI	EMS.								
	1/2 TO	2 UNITS		ARR			GRAD S	OIGUT			
	09095	LAB LAB	В	ARR				OIDUT			
ART	PREREQU			IN HISTORY INSTRUCTOR		•					
		CONF	Α	ARR						STAF	F
ART	493 SE	MINAR.									
		ISITE: GRAD	DUATE S	TANDING IN	ART.						
	09113 09121	CONF	A B	7-PM ARR	М		133	F A 8		STAF	F
ART	PRINTMA	ISITE: ENRO KING, OR CO	DLLMENT	IN THE M. DF THE DEPA	F. A. P RTMENTA	ROGRA L GRA	M IN F	AINT IN COMMIT	G AND TEE.		
	1/2 TO 09138	3 UNITS LAB	A	ARR			GRAD S	OIGUT		SAVA	GE AND
ART	PREREQU CONSENT	OF THE DEF	DLLMENT	Y. IN THE M. TAL GRADUAT	F. A. P	ROGRA	M IN :	SCULPTU	RE, OR		
	1 TO 3 09145	LAB	Α	ARR				ART SC	ULPT	GALL	0

ART 497 PRINT WORKSHOP. PREREQUISITE: GRADUATE STANDING IN ART. 1/2 TO 3 UNITS

THESIS RESEARCH.

ART

09152 ARR GRAD STUDIO IAR ARR 09160 IAB R

103 SURV BLDG

PREREQUISITE: FULL GRADUATE STANDING IN HISTORY OF ART. O TO 4 UNITS 09177 CONF Δ ARR

#### ASTAN STUDIES

DEPARTMENT OFFICE

201. 1208 W. CALIFORNIA

ROWAN

DOWELL

AN UNDERGRADUATE MINOR IN ASIAN STUDIES IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES REQUIRES AT LEAST TWENTY SEMESTER HOURS. THE TWENTY HOURS MUST INCLUDE ASIAN STUDIES 202 AND THE REMAINDER DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR CREDIT MAY NOT BE INCLUDED WITHIN THE TWENTY HOURS FOR THE MINOR. IT IS ADVISABLE EITHER TO INCLUDE IN THE MINOR, OR TO ACCOMPANY THE MINOR WITH, ONE OF THE 201-202 ASIAN LANGUAGE SEQUENCES OFFERED. BURMESE, CHINESE, INDONESIAN, JAPANESE, KOREAN, AND PERSIAN ARE OFFERED BY THE CENTER FOR ASIAN STUDIES. HINDI, ARABIC AND MODERN HEBREW ARE GIVEN IN THE DEPARTMENT OF LINGUISTICS. STUDENTS INTENDING TO MINOR IN ASIAN STUDIES SHOULD NOTIFY THE CENTER OFFICE.

A CANDIDATE FOR A MASTER®S DEGREE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMENTS FROM THE COURSES LISTED BELOW.

A DOCTORAL CANDIDATE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMETS. FROM THE COURSES LISTED BELOW. A LSO THE DOCTORAL CANDIDATE MUST, PRIOR TO THE COMPLETION OF HIS COURSE REQUIREMENTS FOR THE DEGREE, COMPLETE SATISFACTORILY ONE OF THE FOLLOWING: ARABIC 304, BURMESE 304, CHINESE 304, HINDI 304, INDONESIAN 304, JAPANESE 304, OR EQUIVALENT.

THE COURSES CHOSEN FOR THE GRADUATE MINOR MUST BE IN DEPARTMENTS OUTSIDE THE CANDIDATE'S MAJOR.
STUDENTS SHOULD BE ADVISED TO CONSULT WITH THE CENTER OFFICE FOR

OTHER COURSES THAT MAY BE ACCEPTABLE FOR CREDIT TOWARD THE MINOR.

STUDENTS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF EAST, SOUTHEAST, SOUTH, AND MIDDLE EAST ASIAN AFFAIRS AND CULTURES ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR AND FACULTY MEMBERS OF THE CENTER FOR ASIAN STUDIES IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. THE CENTER IS DESIGNATED A NATIONAL DEFENSE EDUCATION ACT (N.D.E.A.). LANGUAGE AND AREA STUDIES CENTER. THE DIRECTOR IS PROFESSOR ROBERT B. CRAWFORD, ASSOCIATE DIRECTOR IS G. L. TIKKU, ROOM 201, 1208 WEST CALIFORNIA, URBANA.

BELOW ARE LISTED COURSES ACCEPTABLE TOWARD THE ASIAN STUDIES MINOR. FOR FULL COURSE DESCRIPTIONS, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS. ANTH 315\*, 316\*, 366, 368 375, 383, 384, 409, 410, 450\*\* HIST 396, 397, 398, 399, 409, 441, 443, 445 INDON 201, 202, 303, 304 JAPAN 201, 202, 203, 204, 205, 206, 301, 302, 303, 304, 305, 306, 309, 310, 320, AG EC 353 201, 202, 203, 204, 303 304, 305, 306, 307, 308 209, 302, 306, 316, 326 327, 328, 452, 453 ARAB 330 KOREA 201, 202, 303, 304, 330 LING 303\*\*, 330, 350, 351, 360, 382, 383, 409, 410, AS ST 202, 295 201, 202, 303, 304 201, 202, 203, 204, 205, 206 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 320, 330, 350 RURM 490 + × CHIN M HBR 201, 202, 303, 304, 305, 306 MUSIC 316\*, 317\*
PERS 201, 202, 205, 206, 303, 304, 305, 306, 309 C LIT 309 353, 358, 490\*\* ECON ECON 353, 358, 490\*\*

GEOG 351, 357

HINDI 201, 202, 303, 304, 305, POL S 337, 338, 347, 348, 349, 306, 307, 308, 309, 310, 380, 389, 437, 446, 448, HIST 209, 210, 298\*\*, 307, 449

308, 387, 388, 389, 390, R SOC 343

391, 392, 393, 394, 395, SOC 328, 343, 355, 371

\*THESE COURSES OCCASIONALLY FOCUS ON AREAS OTHER THAN ASIA. THEY MAY BE COUNTED TOWARD THE MINOR ONLY DURING THE SEMESTER WHEN THEY FOCUS ON ASIA. \*\*ONLY THE SECTIONS FOCUSING ON ASIA MAY BE COUNTED TOWARD THE MINOR.

### COURSES FOR ADVANCED UNDERGRADUATES

AS ST 295 READINGS COURSE.

PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 4 HOURS

OPEN TO FRESHMEN.
09184 CONF ARR

## COURSES FOR GRADUATES

AS ST 450 SEMINAR IN ASIAN STUDIES.

PREREQUISITE: CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED UP TO 3 UNITS.

\*1 UNIT

\*SECTION A CONCERNS THE HAN DYNASTY.

\*SECTION B CONCERNS ISLAM AND COMTEMPORARY SOCIETY.

09191 CONF \*A ARR

09202 CONF \*B ARR

POKORA BERQUE

AS ST 490 INDIVIDUAL STUDY AND RESEARCH IN SPECIAL TOPICS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 TO 3 UNITS

09210 CONF APP

CRAWFORD

#### ASTRONOMY

DEPARTMENT DEFICE

i

103 OBSERV

MAJOR: TWENTY HOURS IN ASTRONOMY EXCLUDING ASTRONOMY 101. PHYSICS COURSES AT THE 300-LEVEL MAY BE SUBSTITUTED FOR ASTRONOMY COURSES TO THE EXTENT OF SIX HOURS AS PART OF THE MAJOP.

MINOR: TWENTY HOURS WHICH MUST INCLUDE PHYSICS 106, 107, AND 108. THE REMAINING EIGHT HOURS MAY BE TAKEN IN PHYSICS OR IN ONE OF THE FOLLOWING SUBJECTS: CHEMISTRY, GEOLOGY, MATHEMATICS, PHILOSOPHY. IF TWO SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

INDIVIDUAL INSTRUCTION IS PROVIDED FOR SUPERIOR UNDERGRADUATE STUDENTS AT HOURS TO BE ARRANGED.

### COURSES FOR UNDERGRADUATES

DESCRIPTIVE ASTRONOMY. ASTR 101 NOT OPEN TO STUDENTS WHO HAVE HAD TWO OR MORE SEMESTERS OF COLLEGE PHYSICS. \*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210. \*4 HOURS STUDENTS WHO REGISTER IN LECTURE 1 MUST ALSO REGISTER IN DISCUSSION A, B, C, D, OR E.
STUDENTS WHO REGISTER IN LECTURE 2 MUST ALSO REGISTER IN DISCUSSION F, G, H, I, OR J. 09227 LECT 319 YOSS 09234 DISC Δ 10 TH 09241 DISC В TU 43 09259 DISC TU 43 09266 DISC 43 TU 09273 43 DISC Ε TU GH 09281 LECT 1 124 BUR HALL AVNER TU 09298 DISC 10 221 09309 DISC G 1.1 TU 221 GH 09316 DISC 221 н GH - 1 T:1 09323 DISC ī 2 221 G H

TH

221

WYATT

KALER

OLSON

CAHN

ASTR 102

DISC

09331

DESCRIPTIVE ASTRONOMY.

PREREQUISITE: ASTR. 101.

\*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210. **\*4 HOURS** 

STUDENTS WHO REGISTER IN THE LECTURE MUST ALSO REGISTER IN DISCUSSION A, B, C, OR D.

09348 LECT BUR HALL 09355 DISC Δ TΗ 221 GH DISC 09362 В TH 221 G H 11 09370 TH 221 09387 DISC

SELECTED TOPICS IN ASTRONOMY. 110

PREREQUISITE: ASTR. 102.

\*NOT OPEN TO STUDENTS WITH CREDIT IN ASTR. 210.

\*2 HOURS 2 09394 LECT-DISC M W 124 OBSERV

### COURSES FOR ADVANCED UNDERGRADUATES

ASTR

GENERAL ASTRONOMY.

PREREQUISITE: TWO SEMESTERS OF COLLEGE PHYSICS.

\*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 101 OR ASTR. 102. \*3 HOURS 1

09405 LECT

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MWE

160 M E B

INTRODUCTORY ASTROPHYSICS. ASTR

PREREQUISITE: PHYCS. 108.

3 HOURS OR 1 UNIT

09412 LECT 160 M E B

ASTR	306 FOUNDATIONS OF SAME AS A.A.E.		RAVITATIONAL	THEORY.	
	PREREQUISITE: MATH.	142 OR 143.			
	09420 LECT	11	M W F	160 M E B	AVNER
ASTR	317 ELEMENTS OF MAG	MET UHY DRUDYNAM I	rs.		
	SAME AS A. A. E PREREQUISITE: A. A.	. 317.		ICTOR.	
	3 HOURS OR 1 UNIT 09437 LECT-DISC				BOND
	07431 6661 0136		., .,	203 1 0	55,45
ASTR	322 STELLAR SYSTEMS PREREQUISITE: ASTR.				
	3 HOURS OR 1 UNIT 09444 LECT		мыс	124 OBSERV	WYATT
	07444 2201	*		124 0036114	*****
ASTR	357 RADIO ASTRONOMY SAME AS E. E. 3				
	PREREQUISITE: PHYCS. 3 HOURS OR 1 UNIT	108.			
	09451 LECT	10	M W F	160 M E B	SWENSON
		COURSES FOR	GRADUATES		
		COURSES FOR	GRADUATES		
ASTR	403 GASEOUS NEBULAE	AND THE INTERS			
ASTR	PREREQUISITE: ASTR. 1 UNIT	AND THE INTERS	TELLAR MEDIL	JM.	KALER
ASTR	PREREQUISITE: ASTR.	AND THE INTERS	TELLAR MEDIL		KALER
	PREREQUISITE: ASTR. 1 UNIT	AND THE INTERS 301. 3	TELLAR MEDIL  M W F  ASTRONOMY.	JM.	KALER
	PREREQUISITE: ASTR. 1 UNIT 09469 LECT 415 EXPERIMENTAL ME PREREQUISITE: CONSEN *STUDENTS MAY ACCOUNT	AND THE INTERS 301.  3 THODS IN RADIO T OF INSTRUCTOR	M W F	JM.	KALER
	PREREQUISITE: ASTR.  1 UNIT  09469 LECT  415 EXPERIMENTAL ME PREREQUISITE: CONSEN *STUDENTS MAY ACCUMU *1 UNIT	AND THE INTERS 301.  3 THODS IN RADIO T OF INSTRUCTOR	M W F	JM.	KALER SWENSON
ASTR	PREREQUISITE: ASTR. 1 UNIT 09469 LECT  415 EXPERIMENTAL ME PREREQUISITE: CONSEN *STUDENTS MAY ACCUMU *1 UNIT 09476 CONF	AND THE INTERS 301.  3 THODS IN RADIO T OF INSTRUCTOR LATE TWO UNITS.	M W F	JM.	
ASTR	PREREQUISITE: ASTR.  1 UNIT  09469 LECT  415 EXPERIMENTAL ME PREREQUISITE: CONSEN *STUDENTS MAY ACCUMU *1 UNIT  09476 CONF  491 SEMINAR IN SPEC PREREQUISITE: CONSEN 1 TO 4 UNITS	AND THE INTERS 301.  3 THODS IN RADIO T OF INSTRUCTOR LATE TWO UNITS.  ARR IAL TOPICS. T OF INSTRUCTOR	TELLAR MEDIL  M W F  ASTRONOMY.	JM. 124 OBSERV	
ASTR	PREREQUISITE: ASTR.  1 UNIT  09469 LECT  415 EXPERIMENTAL ME PREREQUISITE: CONSEN *STUDENTS MAY ACCUMU *1 UNIT  09476 CONF  491 SEMINAR IN SPEC PREREQUISITE: CONSEN 1 TO 4 UNITS	AND THE INTERS 301.  3 THODS IN RADIO T OF INSTRUCTOR LATE TWO UNITS.  ARR IAL TOPICS. T OF INSTRUCTOR	TELLAR MEDIL  M W F  ASTRONOMY.	JM. 124 OBSERV	
ASTR	PREREQUISITE: ASTR.  1 UNIT  09469 LECT  415 EXPERIMENTAL ME PREREQUISITE: CONSEN *STUDENTS MAY ACCUMU *1 UNIT 09476 CONF  491 SEMINAR IN SPEC PREREQUISITE: CONSEN	AND THE INTERS 301.  3 THODS IN RADIO T OF INSTRUCTOR LATE TWO UNITS.  ARR IAL TOPICS. T OF INSTRUCTOR	TELLAR MEDIL  M W F  ASTRONOMY.	JM. 124 OBSERV	SWENSON STAFF
ASTR	PREREQUISITE: ASTR.  1 UNIT  09469 LECT  415 EXPERIMENTAL ME PREREQUISITE: CONSEN *STUDENTS MAY ACCUMU *1 UNIT  09476 CONF  491 SEMINAR IN SPEC PREREQUISITE: CONSEN 1 TO 4 UNITS	AND THE INTERS 301.  3 THODS IN RADIO T OF INSTRUCTOR LATE TWO UNITS.  ARR IAL TOPICS. T OF INSTRUCTOR 4 8 4	TELLAR MEDIL  M W F  ASTRONOMY.	JM. 124 OBSERV	SWENSON STAFF

DEPARTMENT DEFICE

U OF I WILLARD AIRPORT

COURSES OFFERED BY THE INSTITUTE OF AVIATION ARE OPEN TO STUDENTS AND FACULTY IN ALL DEPARTMENTS OF THE UNIVERSITY, SUBJECT TO LIMITATIONS IMPOSED BY THE AVAILABILITY OF SPACE AND EQUIPMENT. CREDIT FOR INSTITUTE OF AVIATION COURSES IS GENERAL UNIVERSITY CREDIT. HOWEVER, ITS USE AS CREDIT TOWARD GRADUATION IS A MATTER FOR EACH COLLEGE TO PASS UPON.

THE FEE FOR EACH INSTITUTE OF AVIATION FLIGHT COURSE IS \$550. EXCEPT FOR AVIATION 105 OR 115 WHICH IS \$245. IT WILL BE NECESSARY FOR THE AVIATION 101 STUDENT TO OBTAIN AN F.A.A. MEDICAL CERTIFICATE AT HIS OWN EXPENSE. STUDENTS IN AVI. 140 ARE REQUIRED TO POSSESS A CURRENT SECOND CLASS F.A.A. MEDICAL CERTIFICATE AT THE TIME OF REGISTRATION.

BUS TRANSPORTATION BETWEEN THE CAMPUS AND AIRPORT IS PROVIDED FREE OF CHARGE TO ALL STUDENTS REGISTERED IN AVIATION COURSES. THE DAILY BUS SCHEDULE, WITH ROUTINGS, IS LISTED SEPARATELY IMMEDIATELY FOLLOWING THE FLIGHT COURSES. STUDENTS MAY PROVIDE THEIR OWN TRANSPORTATION IF THEY WISH. IN EITHER EVENT, ALL STUDENTS REGISTERING FOR AVIATION COURSES SHOULD SELECT THE APPROPRIATE BUS SECTIONS IN ORDER TO AVOID CONFLICTS WITH ON-CAMPUS COURSES.

DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO REGISTRATION IN ANY FLIGHT COURSE. ONLY GRADUATE STUDENTS AND SENIORS WILL BE PERMITTED TO REGISTER ON THE FIRST DAY OF ADVANCED REGISTRATION, JUNIORS WILL BE PERMITTED TO REGISTER ON THE SECOND DAY, SOPHOMORES ON THE THIRD DAY, AND FRESHMAN ON THE FOURTH DAY. DURING THE ADVISING PERIOD OF ADVANCE ENROLLMENT, EACH STUDENT PLANNING TO REGISTER FOR A FLIGHT COURSE MUST GO TO 317 E H FOR APPROVAL AND SECTIONING.

### COURSES FOR UNDERGRADUATES

IN SOME CASES TWO OR MORE FLIGHT COURSES MAY BE TAKEN CONCURRENTLY BY SPECIAL PERMISSION.

AVI 101 PRIVATE PILOT.

3 HOURS

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. EACH AVI. 101 STUDENT MUST REGISTER FOR ONE LECT., ONE DISC. AND ONE FLIGHT SECTION.

09519	LECT	Α		8	T (	JT	H S	400	E	Н	EMANUEL
09526	LECT	В		11	M	W	F	400	E	H	EMANUEL
09533	LECT	C		2	М	W	F	400	Е	Н	E MANUE L
09541	DISC	Α		730-930 PM	М			305	Е	Н	BENN
09558	DISC	В		730-930PM	TI	J		305	Ε	H	AND STAFF
09565	FLT	F	1	8-930	М	W	F		Α.	IRPORT	
09572	FLT	F.	2	930-11	M	W	F		Α	IRPORT	
09580	FLT	F	3	1230-2	М	W	F		A.	RPORT	
09597	FLT	F	4	2-330	М	W	F		Α	IRPORT	
09608	FLT	F	5	330-5	М	W	F		A	IRPORT	
09615	FLT	F	6	8-930	FI	JT	H S		Α.	IRPORT	
09622	FLT	F	7	930-11	TI	JT	H S		Α	IRPORT	
09630	FLT	F :	8	1230-2	T	U T	H S		A	RPORT	
09647	FLT	F	9	2-330	Ť	JT	H S		Α	IRPORT	
09654	FLT	F1	0	330-5	T	J T	H S		A:	IRPORT	

AVI 105 SOARING, I.

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

O9661 FLT ARR DUNN

AVI 115 SOARING, II.

PREREQUISITE: AVI. 110 OR EQUIVALENT.

1 HOUR

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09779 FIT ORDER

DINN

AVI	120	SECONDARY FLE	SHT.					
			101 OR	PRIVATE PI	LOT	CERTIF	FICATE, CONSENT OF	
	DIRECT							
	3 HOUF		400000		0.5	01107	TRAINING IS REQUIRED.	
			APPRUV	AL BY CHIEF		PILOT		
	09686	LECT-DISC		3	M	WF	400 E H	EMANUEL
	09693	FLT	F 1	8-930	M	WF	AIRPORT	BENN
	09704	FLT	F 2	930-11	M	W F	AIRPORT	AND STAFF
	09711	FLT	F 3	1230-2	M	W F	AIRPORT	
	09729	FLT	F 6	8-930	TU	J TH S	AIRPORT	
	09736	FLT	F 7	930-11	TU	J TH S	AIRPORT	
	09743	FLT	F 8	1230-2	TU	J TH S	AIRPORT	
	09751	FLT	F 9	2-330	TU	J TH S	AIRPORT	
	09768	FLT	F10	330-5	TU	J TH S	AIRPORT	

INTERMEDIATE FLIGHT.
PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE, CONSENT OF AVI 130 DIRECTOR. 3 HOURS NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. 400 E H EMANUEL 09775 LECT-DISC MWF AIRPORT 1-5 GORDON 09782 FLT X 2 М X 3 X 4 8-12 1-5 09790 FLT TU AIRPORT AND STAFF 09801 FLT TU AIRPORT 1-5 8-12 X 6 X 7 09818 FLT AIRPORT 09825 FLT TH AIRPORT 1-5 09832 FLT X 8 TH AIRPORT 09840 FLT X10 F AIRPORT

8-12

1-5

AVI 140 ADVANCED FLIGHT.

PREREQUISITE: AVI. 120 AND 130; CONSENT OF DIRECTOR.

X11

X12

09857

09864

FLT

FLT

3 HUU1	45						
NOTE:	DEPARTMENTAL	APPROV	AL BY CHIEF	OF PIL	.OT	TRAINING IS REQUIRED.	
09871	LECT-DISC		1030-12	TU TH		400 E H	EMANUEL
09889	FLT	F 1	8-930	M W	F	AIRPORT	GORDON
09896	FLT	F 2	930-11	M W	F	AIRPORT	AND STAFF
09907	FLT	F 3	1230-2	M W	F	AIRPORT	
09914	FLT	F 4	2-330	M W	F	AIRPORT	
09921	FLT	F 5	330-5	M W	F	AIRPORT	
09939	FLT	F 6	8-930	TU TH	l S	AIRPORT	
09946	FLT	F 8	1230-2	TU TH	1 S	AIRPORT	
09953	FLT	F 9	2-330	TU TH	l S	AIRPORT	
09961	FLT	F10	330-5	TU TH	1 5	AIRPORT	

AIRPORT

AIRPORT

### COURSES FOR ADVANCED UNDERGRADUATES

AVI 200 BASIC INSTRUMENT FLIGHT TECHNIQUES.

PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, OR EQUIVALENT FLIGHT
EXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR.

3 HOURS
NATE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

3 HO U	RS					
NOTE:	DEPARTMENTAL	APPROV	AL OF CHIEF	OF PILOT	TRAINING IS REQUIRED.	
09978	LECT-DISC		8	M W F	400 E H	JAMI SON
09985	FLT	F 2	930-11	M W F	AIRPORT	GORDON
09992	FLT	F 3	1230-2	M W F	AIRPORT	AND STAFF
10009	FLT	F 4	2-330	M W F	AIRPORT	
10016	FLT	F 5	330-5	M W F	AIRPORT	
10023	FLT	F 6	8-930	TU TH S	AIRPORT	
10031	FLT	F 7	930-11	TU TH S	AIRPORT	
10048	FLT	F 8	1230-2	TU TH S	AIRPORT	
10055	FLT	F 9	2-330	TU TH S	AIRPORT	
10062	FLT	F10	330-5	TU TH S	AIRPORT	

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ADVANCED INSTRUMENT FLIGHT PROCEDURES.
ΛVI
          PREREQUISITE: AVI. 200 OR 40 HOURS OF SIMULATED INSTRUMENT FLIGHT EXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR.
          3 HOURS
          NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.
                                                   M W F
M W F
M W F
                                                                                       EMANUEL
       10070
                   LECT-DISC
                                                                161 E E B
                                          В
        10087
                    FLT
                                        930-11
                                                                      AIRPORT
                                                                                      GORDON
                                        1230-2
                    FLT
                                F 3
                                                                      AIRPORT
                                                                                       AND STAFF
        10094
        10105
                    FLT
                               F 4
                                          2-330
                                                                      AIRPORT
                    FLT
                                F 5
                                        330-5
                                                                      AIRPORT
        10112
                                F 6
       10120
                    FLT
                                          8-930
                                                     TU TH S
                                                                      AIRPORT
                                        930-11
        10137
                    FLT
                                F 7
                                                     TU TH S
                                                                      AIRPORT
       10144
                    FLT
                               F 8
                                       1230-2
                                                     TU TH S
       10151
                    FLT
                                F 9
                                          2-330
                                                     TU TH S
                               F10
                                                     TU TH S
       10169
                    FLT
          ) FLIGHT INSTRUCTOR.
PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, JUNIOR STANDING,
AVI
      220
          CONSENT OF DIRECTOR.
          3 HOURS
          NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.
                                                   M W F
M W F
M W F
       10176
                   LECT-DISC
                                      8-930
                                                               400 E H
                                                                                      EMANUEL
                                F 1
                                                                      AIRPORT
       10183
                    FLT
                                                                                      GORDON
                                                                      AIRPORT
       10191
                    FLT
                                F 2
F 3
                                        930-11
                                                                                      AND STAFF
                                       1230-2
                                                                      ATRPORT
       10201
                    FLT
        10219
                    FLT
                                F 4
                                        2-330
                                                                      ATRPORT
                               F 6
                                           8-930
       10226
                    FLT
                                                     TU TH S
                                                                      ATRPORT
        10233
                    FLT
                                        930-11
                                                     TU TH S
                                                                      ATRPORT
                              F 7
F 8
F 9
                    FLT
FLT
        10241
                                       1230-2
                                                    TU TH S
                                                                      AIRPORT
                                                                     AIRPORT
       10258
                                          2-330
                                                     TU TH S
       10265
                    FLT
                                F10
                                       330-5
                                                    TU TH S
                                                                      AIRPORT
ΔVI
               PRACTICE TEACHING, AIRPLANE.
          PREREQUISITE: AVI. 220 OR FLIGHT INSTRUCTOR CERTIFICATE; JUNIOR STANDING; CONSENT OF DIRECTOR.
          3 HOURS
          NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.
                                                                     ATRPORT
                                                                                      BENN
       10272
                    DISC
                                       ARR
                                                                      AIRPORT
                                                                                       AND STAFE
                    FLT
                                       ARR
AVI
               SPECIAL RATING (MULTI-ENGINE LAND).
          PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR.
          1 HOUR
          NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.
STUDENT MUST REGISTER FOR DISC SECTION AND ONE FLIGHT SECTION.
280 DISC ARR AIRPORT
                         REGIO.
                                                                    AIRPORT
       10280
                                                                                       BENN AND STAFF
                                        8-930
                                                   M W F
       10297
                    FIT
                                                                      ATRPORT
                               F 2 3 F 5 F 6 7
                                                   M W F M W F M W F
                                        930-11
       10308
                    FLT
                                                                     AIRPORT
        10315
                    FLT
                                       1230-2
                                                                      AIRPORT
       10322
                    FLT
                                          2-330
                                                                      AIRPORT
       10330
                    FLT
                                        330-5
                                                                      AIRPORT
       10347
                    FLT
                                          8-930
                                                    TU TH S
                                                                      AIRPORT
                                        930-11
                                                                     AIRPORT
       10354
                    FLT
                                F 7
                                                     TU TH S
                                F 8
                                      1230-2
       10361
                    FLT
                                                     TU TH S
                                                                     AIRPORT
       10379
                    FLT
                                F 9
                                         2-330
                                                     TU TH S
                                                                     AIRPORT
                    FLT
       10386
                                F10
                                                    THE THIS
                                                                     ATRPORT
AVI
      291 SPECIAL RATINGS AND/OR SPECIALIZED FLIGHT.
          PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR.
          1 HOUR
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.
AIRPORT BENN AND STAFF
          1 HOUR
                    DISC
       10393
                                F 1
       10404
                    FLT
                                          8-930
                                                                      AIRPORT
                                F 2
                                                   M W F M W F M W F
       10411
                    FLT
                                        930-11
                                                                      ATRPORT
                               F 3
                                                                      ATRPORT
       10429
                    FIT
                                       1230-2
                    FLT
                               F 4
                                         2-330
       10436
                                                                      ATRPORT
                                        330-5
       10443
                    FLT
                                                   M W F
                                                                     ATRPORT
                              F 6
F 7
F 8
F 9
                                          8-930
                                                                      AIRPORT
        10451
                    FLT
                                        930-11
                                                     TU TH S
       10468
                    FLT
                                                                     AIRPORT
                    FLT
                                                    TU TH S
       10475
                                      1230-2
                                                                     ATRPORT
                                                     TU TH S
                                                                     AIRPORT
       10482
                    FLT
                                        2-330
```

THE THIS

AIRPORT

330-5

10490

FLT

### BUS SCHEDULE AND ROUTE

THE INSTITUTE OF AVIATION BUS MAKES REGULAR TRIPS BETWEEN THE AIRPORT AND THE CAMPUS BEGINNING ON THE FIRST DAY OF CLASSES AND CONTINUING THROUGH THE LAST DAY OF FINAL EXAMINATIONS. THE BUS LEAVES FROM THE CAMPUS PARKING LOCATION AT THE NORTH EAST CORNER OF AERO LAB B, AND MAKES REGULAR STOPS ON THE WAY TO THE AIRPORT AT THE CORNERS OF SIXTH AND ARMORY STREETS, FOURTH STREET AND GREGORY DRIVE, AND FIRST STREET AND GREGORY DRIVE, THE TRIP FROM THE AIRPORT BACK TO THE CAMPUS IS VIA GREGORY DRIVE AND GOODWIN AVENUE TO THE PARKING LOCATION. THE SCHEDULE IS AS FOLLOWS:

ON THE FIRST TRIP TO THE CAMPUS EACH MORNING THE BUS IS ROUTED BETWEEN THE FLORIDA AVENUE AND THE PENNSYLVANIA AVENUE

AVI	302 B	US FROM CA	AMPUS TO A I	RPORT.		
	NO CRE	DIT				
	10501	BUS	A 1	730-8	M W F	CAMPUS
	10518	BUS	A 2	9-930	M W F	CAMPUS
	10525	BUS	A 3	10-1030	M W F	CAMPUS
	10532	BUS	X 4	12-1230	M W F	CAMPUS
	10540	BUS	A 5	1-130	M W F	CAMPUS
	10557	BUS	A 6	2-230	M W F	CAMPUS
	10564	BUS	A 7	3-330	M W F	CAMPUS
	10571	BUS	A 8	4-430	M W F	CAMPUS
	10589	BUS	A 9	730-8	TU TH S	CAMPUS
	10596	BUS	A10	9-930	TU TH S	CAMPUS
	10607	BUS	A11	10-1030	TU TH S	CAMPUS
	10614	BUS	A12	12-1230	TU TH S	CAMPUS
	10621	BUS	413	1-130	TU TH S	CAMPUS
	10639	BUS	A14	2-230	TU TH S	CAMPUS
	10646	BUS	A 15	3-330	TU TH S	CAMPUS
	10653	BUS	A16	4-430	TU TH S	CAMPUS

AVI	303	BUS FROM	AIRPORT TO	CAMPUS.		
	NO CE	REDIT				
	10661	BUS	C 1	830-9	M W F	AIRPORT
	10678	BUS	C 2	930-10	M W F	AIRPORT
	10685	BUS	C 3	11-1130	M W F	AIRPORT
	10692	BUS	C 4	1230-1	M W F	AIRPORT
	10703	BUS	C 5	130-2	M W F	AIRPORT
	10711	BUS	C 6	230-3	M W F	AIRPORT
	10728	BUS	C 7	330-4	M W E	AIRPORT
	10735	BUS	C B	5-530	M W F	AIRPORT
	10742	BUS	C 9	830-9	TU TH S	AIRPORT
	10750	BUS	C10	930-10	TU TH S	AIRPORT
	10767	BUS	C11	11-1130	TU TH S	AIRPORT
	10774	8U S	C12	1230-1	TU TH S	AIRPORT
	10781	8 US	C13	130-2	TU TH S	AIRPORT
	10799	8US	C 14	230-3	TU TH S	AIRPORT
	10800	BUS	C15	330-4	TU TH S	AIRPORT
	10817	BUS	0.16	5-530	TU TH S	AIRPORT

# AVIATION AIRCRAFT MAINTENANCE

# COURSES FOR UNDERGRADUATES

AVI	151 AD	PLIED AIRCRA	ET PHY	rsics.			
M V I	3 HOURS			3103.			
	10824	LECT-DISC	Α	8-915	TU TH	Q34 AIRPORT	TRUL DCK
	10831	LECT-DISC	В	1230	M W E	Q34 AIRPORT	TRULOCK
AVI	153 AII	RCRAFT SHOP	DRACTI	CE			
WAI	3 HOURS	KCKAI I SHOP	FRACII	CLO			
	10849	LECT	Α	1230	W	Q34 AIRPORT	
		LAB	A	1230	M F	Q3 AIRPORT	
	10856	LECT	B B	1230	TU TH	Q34 AIRPORT Q3 AIRPORT	
		LAB	В	1230-220	I n	Q5 AIRPURI	
AVI	157 AI	RCRAFT ENGIN	IE THEC	RY AND PRAC	TICE.		
	6 HOURS				=		5.00
	10863	L ECT L AB	A	8-10 10-12	M W F	Q34 AIRPORT Q3 AIRPORT	FOX AND MYLIN
		LAD	A	930-12	้าบ าห	Q3 AIRPORT	MICIN
	10871	LECT	В	130-3	MTUW F	Q34 AIRPORT	GARRELTS
		LAB	В	3-5	MTUW F	Q7 AIRPORT	AND MCLANE
			В	230-5	TH	Q7 AIRPORT	
AVI	161 AIF	RPORT MANAGE	MENT.				
	3 HOURS						
	10888	LECT-DISC		630-8PM	M TH	106 L H	FOX
AVI	163 AII	RCRAFT STRUC	TURAL	MATERIALS.			
	2 HOURS						
	10895	LECT-DISC	A	1-330	M F	Q8 AIRPORT	APPLEGATE
		LAB	Δ	1-3 8-12	W TU TH	Q8 AIRPORT	
		LAB	A	1130	W	Q8 AIRPORT	
	10906	LECT-DISC	В	2-4	M W E	Q8 AIRPORT	LADAGE
		LAB	В	1030-12	M W F	Q8 AIRPORT	
			В	130-4	TU TH	Q8 AIRPORT	
	10913	LECT-DISC	C	1 1230-2	M W F TU TH	Q8 AIRPORT	LINDER
		LAB	c	8-12	TU TH	OS AIRPORT	
			C	1030-1230	W	Q8 AIRPORT	
AVI	165 AI	RCRAFT STRUC	THEAT	DEDATO			
MAI	3 HOURS		TORAL	KEFMIK+			
	10921	LAB	Α	330-5	M F	Q8 AIRPORT	APPLEGATE
			A	3-5		Q8 AIRPORT	
	10938	LAB	8 B	1230	M W F TU TH	Q8 AIRPORT Q8 AIRPORT	LADAGE
	10945	LAB	C		M F		LINDER
			C	930	W	Q8 AIRPORT	
AV I	167 AIF	RCRAFT FABRI	CATTNIC	DROCESSES			
MA I	2 HOURS	CKAFI FADKI	CATING	PRUCESSES.	•		
			REGIS	TERS FOR A	SECTION IN	AVI. 167 MUST ALSO	
	REGISTER	R FOR THE SA	ME SEC	TION IN AVI	. 163 AND	AVI. 171.	
	SECTIONS	MEET FOR 5	WEEKS	ARR		OR ATROOPT	ADDI CCATE
	10952	LECT-DISC LAB	A	ARR		Q8 AIRPORT	APPLEGATE
	10960	LECT-DISC	В	ARR		Q8 AIRPORT	LADAGE
		LAB	В	ARR		Q8 AIRPORT	
	10977	LECT-DISC	C	ARR		Q8 AIRPORT	LINDER
		LAB	C	ARR		Q8 AIRPORT	
AVI		N-STRUCTURAL	AIRCR	AFT MATERIA	LS.		
	3 HOURS	CTUDENT	05655	* FDC FOD .	CECTION	AUT 171 MUST 1: 50	
	NUTE: A	STUDENT WHO R FOR THE SA	ME SEC	TION IN AVI	SECTION IN	AVI. 167.	
	10984	LECT-DISC		ARR	. 103 AND	Q8 AIRPORT	APPLEGATE
		LAB	A	ARR		Q8 AIRPORT	
	10991	LECT-DISC	В	ARR		Q8 AIRPORT	LADAGE
	11004	LAB	В	ARR		Q8 AIRPORT	LENDED
	11004	LECT-DISC LAB	C	ARR		Q8 AIRPORT Q8 AIRPORT	LINDER
		2.40				40 2111 0111	

173 AIRCRAFT RADIO AND INSTRUMENTS.

2 HOURS 11011 LECT-DISC A 1130 11029 LECT-DISC B 11036 1130

M F Q8 AIRPORT TU TH Q8 AIRPORT M F Q8 AIRPORT

APPLEGATE LADAGE LINDER

INTRODUCTION TO ELECTRONIC THEORY AND PRACTICE. AVI 181 INT

11043 LECT-DISC 3-5 M W F 049 AIRPORT KEHELY

ADVANCED ELECTRONIC THEORY.
PREREQUISITE: AVI. 182. AVI

3 HOURS
DEL LECT-DISC 11051

ARR

ARR

049 AIRPORT

KEHELY

AIRCRAFT ELECTRICAL SYSTEMS.
PREREQUISITE: AVI. 181.

5 HOURS 11068 LECT-DISC

Q49 AIRPORT

KEHELY

BANDS

DEPARTMENT DEFICE

140 BAND

THE FOLLOWING COURSE IS OPEN TO STUDENTS WHO HAVE BEEN ACCEPTED BY EXAMINATION FOR MEMBERSHIP IN ONE OF THE UNIVERSITY BANDS: CONCERT BAND, FIRST PEGIMENTAL BAND, SECOND REGIMENTAL BAND— SECTION A OR SECTION B. ASSIGNMENTS ARE MADE ACCORDING TO PROFICIENCY AND INSTRUMENTATION. COMPLETION OF THE COURSE INVOLVES, IN ADDITION TO THE SCHEDULE OF REHEARSALS, PARTICIPATION IN THE PUBLIC APPEARANCES OF THE BANDS.

NEW BAND STUDENTS SHOULD MAKE APPOINTMENTS FOR AUDITIONS AT THE BANDS OFFICE BEFORE OR AT THE BEGINNING OF EITHER THE ADVANCE ENROLLMENT ADVISING PERIOD OR REGISTRATION WEEK. THOSE WHO ARE ACCEPTED WILL BE GIVEN BAND REGISTRATION PERMITS, WITH INDICATION OF THE BAND TO WHICH ASSIGNED AND THE REHEARSAL DAYS AND HOURS—TWO OR THREE TIMES A WEEK.

ALL MEMBERS MUST BE REGISTERED IN BAND 101.

THIS COURSE IS CONSIDERED AS ENSEMBLE CREDIT BY THE SCHOOL OF MUSIC.

DIRECTOR HINDSLEY, ASSISTANT DIRECTOR KISINGER, ASSISTANT DIRECTOR DUKER, MR. SEXTON, MR. FAIRCHILD.

COURSES FOR UNDERGRADUATES

BAND. BANDS 101

1/2 HOUR

NO MOBILITY BETWEEN SECTIONS.

\*SECTION A: CONCERT BAND. \*SECTION B: FIRST REGIMENTAL BAND.

\*SECTION C: SECOND REGIMENTAL BAND. \*SECTION D: SECOND REGIMENTAL BAND.

PRACT \*A
PRACT \*B
PRACT \*C
PRACT \*D 4-530 TU TH M W M W F M W F 11075 141 BAND 141 11082 4-530 BAND 11090 BAND 1 BAND 11101 141

DEPARTMENT OFFICE

393 MOR HALL

HONORS MAJOR IN BIOLOGY - SEE UNDERGRADUATE COURSES BULLETIN.

GENERAL MAJOR IN BIOLOGY: BIOLOGY 110, 111 AND AN ADDITIONAL TWENTY HOURS OF COURSES AT THE 200 AND 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES, CHOSEN IN CONSULTATION WITH THE ADVISER, AND INCLUDING AT LEAST ONE OF THE FOLLOWING: BIOLOGY 210, MICROBIOLOGY 200 AND 201, OR PHYSICOLOGY 301 AND 303. STUDENTS ARE ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH ORGANIC, AND MATHEMATICS THROUGH ANALYTIC GEOMETRY. CALCULUS AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

## COURSES FOR UNDERGRADUATES

BIOLOGICAL SCIENCE, I. BIOL 100

4 HOURS STUDENTS MUST REGISTER FOR ONE CONF/QUIZ COMBINATION.

INDEPENDENT STUDY IN LEARNING CENTER, (AUDIO-TUTORIAL), FOR 3-4 HOURS PER WEEK TO BE SCHEDULED BY THE STUDENT IN 425 N. H. B. QUIZ ARRANGED AT STUDENT'S CONVENIENCE FOR 1 HOUR BETWEEN 8A.M. AND 6 P.M. ON THE DAY INDICATED.

11118	CONF	1	11	TU	228	NHB	KIEFFER
	QUIZ	1	ARR	TH			
11125	CONF	2	1	TU	228	N H B	KIEFFER
	QUIZ	2	ARR	F			
11132	CONF	3	2	TU	228	NHB	KIEFFER
	QUIZ	3	ARR	M.			

BIOL PRINCIPLES OF BIOLOGY, I. PREREQUISITE: ONE YEAR OF COLLEGE CHEMISTRY OR CONCURRENT ENROLLMENT IN CHEMISTRY.

FIELD TRIP, ESTIMATED EXPENSE \$5.00.

5 HOUR	S					
11140	LECT	1	9	M W F	228	NHB
11157	LECT	2	1	M W F	100	M M B
11164	LAB	Α	9-12	M	309	N H B
	DISC	A	4	M	309	NHB
11171	LAB	В	9-12	M	313	NHB
	DISC	В	4	M	313	NHB
11189	LAB	C	1 - 4	M	309	NHB
	DISC	C	8	TU	309	NHB
11196	LAB	D	1-4	М	313	NHB
	DISC	D	8	TU	313	NHB
11207	LAB	E	9-12	TU	309	NHB
	DISC	E	4	TU	309	NHB
11214	LAB	F	9-12	TU	313	NHB
	DISC	F	4	TU	313	NHB
11221	LAB	G	1-4	TU	309	NHB
	DISC	G	8	W	309	NHB
11239	LAB	Н	1-4	TU	313	NHB
	DISC	H	8	W	313	NHB
11246	LAB	I	9-12	W	309	NHB
	DISC	ĭ	4	W	309	NHB
11253	LAB	J	9-12	W	313	NHB
	DISC	J	4	W	313	NHB
11261	LAB	K	1-4	W	309	NHB
	DISC	K	8	TH	309	N H B
11278	L AB	L	1-4	W	313	NHB
	DISC	L	8	TH	313	N H B
11285	LAB	M	9-12	TH	309	NHB
	DISC	M	4	TH	309	NHB
11292	LAB	74	9-12	TH	313	NHB
	DISC	N	4	TH	313	NHB
11303	LAB	0	1-4	TH	309	NHB
	DISC	0	8	F	309	NHB
11311	LAB	Р	1-4	TH	313	NHB
	DISC	P	8	F	313	N H B
11328	LAB	Q	9-12	F	309	NHB
	DISC	Q	4	F	309	NHB
11335	LAB	R	9-12	F	313	NHB
	QUIZ	R	4	۴	313	N H B
11342	LAB	S	1-4	F	309	NHB
	ZIUD	S	8	M	309	NHB
11350	LAB	T	1-4	F	313	NHB
	QUIZ	T	8	M	313	NHB

LARSEN, SARGENT SWEENEY

```
HEREDITY, EVOLUTION AND SOCIETY.

PREREQUISITE: FOUR HOURS CREDIT IN A BIOLOGICAL SCIENCE.

*CREDIT WILL NOT BE GIVEN FOR BIOL. 115 AND BIOL. 210 OR ZOOL. 106
BIOL 115
          OR 107.
          *4 HOURS
                                                                  384 MOR HALL EADES
        11367
                     DISC
                                            9-11 M
                                                         W E
                                            9-11
                                                                   423
                                                                        NHB
                     LAB
                THE CELL.
BIOL 151
          PREREQUISITE: CHEM. 102 OR 108; CONSENT OF INSTRUCTOR.
          5 HOURS
                           3
                                                                  231 N H B
102 H H
        11374
                     LECT
                                         11
                                                     M W F
                                            1-5
                                                      TU
                    LAB
                                 3
          B FRESHMAN SEMINAR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
          3 HOURS
        11381
                     LECT
                                 A.3
                                                                   384
                                                                         MOR HALL
        11399
                    LECT
                                  83
                                            7-9P4
                                                                  384
                                                                        MOR HALL
                                             7-9 PM
                                                                  231
        11400
                    LECT
                                  3.3
                                                       Ťυ
                                                                        NHB
                                            7-9PM
                                                                        NHB
        11417
                    LECT
                                                        W
                                                                   231
        11424
                    LECT
                                 8 F
                                            7-9PM
                                                          ТН
                                                                   231
                                                                        NHB
         99 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
8IOL 199
        11431
                  CONF
                                       ARR
                                                                                          STAFF
                           COURSES FOR ADVANCED UNDERGRADUATES
BIOL 203
               HONGRS SEMINAR.
          PREREQUISITE: JUNIOR OR SENIOR STANDING, 4.0 CUMULATIVE AVERAGE, 2 COURSES IN BIOLOGY OR CONSENT OF INSTRUCTOR.
          *MAY BE REPEATED ONCE FOR CREDIT.
          *1 HOUR
                    LECT-DISC &A
LECT-DISC &B
LECT-DISC &C
LECT-DISC &D
        11449
                                            7- OPM
                                                     М
                                                                  136 BUR HALL
                                            7-9PM
        11456
                                                     M
                                                                   231
                                                                        NHB
                                            7-9PM
                                                      TU
                                                                  136
                                                                        BUR HALL
        11463
                                            7- 9PM
        11471
                                                         W
                                                                   136
                                                                        BUR HALL
        11488
                    LECT-DISC &E
                                            7-9PM
                                                          TH
                                                                   136 BUR HALL
BIOL 210
               GENETICS.
          PREREQUISITE: BIOL. 110-111 OR EQUIVALENT, OR CONSENT OF
          INSTRUCTOR.
          ≠CREDIT WILL NOT BE GIVEN FOR BIOL. 210 OR ZOOL. 106 OR 107 AND
          BIOL. 115.
*4 HOURS
        11495
                                                                                          LAUGHNAN.
                    LECT
                                                      м
                                                         ы
                                                             F
                                                                   100
                                                                        M M B
        11506
                     DISC
                                   1
                                            8
                                                      М
                                                                   231
                                                                        NHB
                                                                                          BROWN
        11513
                    DISC
                                            8
                                                                   231
                                                                        N H B
        11521
                     DISC
                                   3
                                            8
                                                                   231
                                                                         NHA
        11538
                     DISC
                                           10
                                                                   231
                                                                         NHE
        11545
                     DISC
                                   5
                                                                   231
                                                                         N H B
        11552
                     DISC
                                           10
                                                                   231
        11560
                     DISC
                                                       TU
                                                                   202
        11577
                     DISC
                                                          Тн
                                            1
        11584
                     DISC
                                   9
                                                                   229
                                                                        NHB
                                            3
        11591
                    DISC
                                                                   229
                                                                        NHB
          DEVELOPMENTAL BIOLOGY.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT; CHEM. 133 OR 234.
BIOL
       211
          4 HOURS
        11602
                     LECT
                                                                   192
                                                                                          STOCUM
                                                                   231
                                                                         NHB
        11610
                   DISC
                                            3
                                                      М
                                                                   231
                                                                        N H B
        11627
                    DISC
                                            3
                                                                   231
                                                                        NHB
        11634
                    DISC
                                  3
                                            3
                                                                   231
                                                                         NHB
             THE ORGANISM.
          PREREQUISITE: BIO. 151.
          5 HOURS
                    LECT
                                                                  202 H H
102 H H
                                 3
                                         11
                                                            F
                                                                                       WILLIS
        11641
                                                     M W
                                           1-5
                                                            F
                                 ε.
```

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOL		OGY. : FOUR SEMESTE OR CONSENT OF			AND CHEM	•	
	11659 LEG 11666 DIS 11673 DIS 11681 DIS 11698 DIS	C A B C C	10 2 4 2 4	M W F M M TU	228 N H 136 BUR 136 BUR 136 BUR 136 BUR	HALL HALL	STAFF
BIOL	308 EXPERIM PREREQUISITE OF INSTRUCTO 2 HOURS OR 1	: CREDIT OR RE		IN BIOL. 30	O7; CONSE	NT	
	11709 LAB	A	9-12 2-5		323 N H 323 N H		ALGER ALGER
BIOL	OF INSTRUCTO	: BIOL. 310 OF	CONCURRENT		T OR CONS	ENT	
	2 HOURS OR 1 11723 LAB	/2 UNIT	1-4		345 N H	В	
BIOL	310 PRINCIP PREREQUISITE 3 HOURS OR 3	: BIOL . 210 OR	TION BIOLOGY CONSENT OF	, I. INSTRUCTOR	COLLEG	E ALGEBRA.	
	11731 LEC	T			202 H H		
		C	OURSES FOR (	SRADUATES			
8101	411 DISCUSS 1/4 UNIT 11748 CON		CS AND CYTE	OGENETICS.	136 BUR	HALL	STAFF
BIOL		S AND CONTROL : BIOL. 312 OF					
		T-DISC	3-5	TU TH	140 BUR	HALL	ME TC ALF
BIOL	SAME AS PREREQUISITE RECOMMENDED. 1/2 UNIT				7 AND BIO	L. 307	
	11762 LEC	T-DISC	ARR				SEGRE, VOSS
BIOL	SAME AS OPEN TO QUAL PREREQUISITE	N MICROSCOPY W CHEM. 429. IFIED GRADUATE : TWO SEMESTER EMATICS, AND I NSTRUCTOR.	STUDENTS I	IN ALL DEPAR	TWO SEME		
	11770 LEC LAB LAB	-DISC	4 4 ARR	M W	242 BEV 242 BEV	HALL	HALL
BIOL	440 ADVANCE PREREQUISITE OF INSTRUCTO	: CHEM. 350 AN		. 330 AND 33	35; OR CO	NSENT	
	11787 LEC	T	8	M W F V	¥115 T H		HAGEMANN
BIOL	1/2 TO 2 UNI						
	11794 CON	F	ARR				STAFF

BIOL 493 ADVANCED ELECTRON MICROSCOPY. SAME AS CHEM. 493.

OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS. PREREQUISITE: CREDIT IN BIOL./CHEM. 429 AND CONSENT OF

INSTRUCTOR.
1/4 TO 1/2 UNIT

LAB-DISC 11805

97 BEV HALL

BIOL 499 THESIS RESEARCH. O TO 4 UNITS

11812 CONF

ARR

ARR

HALL STAFF

BIOPHYSICS

DEPARTMENT OFFICE

524 BUR HALL

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INTRODUCTION TO BIOPHYSICS. BIOPH 301

PREREQUISITE: EIGHT HOURS OF GENERAL PHYSICS OR ENROLLMENT IN GRADUATE BIOPHYSICS PROGRAM.

3 HOURS OR 3/4 UNIT 11820

9-1030 TU TH 231 N H B

SYBESMA

COURSES FOR GRADUATES

ADVANCED BIOPHYSICS, I.

PREREQUISITE: ONE YEAR OF PHYSICS BEYOND INTRODUCTORY PHYSICS OR EQUIVALENT, CALCULUS, PHYSICAL CHEMISTRY, OR CONSENT OF INSTRUCTOR.

1 UNIT

11837 LECT M W F 300 N L **JENDRASIAK** AND STAFF

BINPH 403

3 BIOPHYSICAL TECHNIQUES.
PREREQUISITE: CREDIT OR REGISTRATION IN BIOPH. 402 OR CONSENT

OF INSTRUCTOR. 1/2 OR 1 UNIT

11844 LAB 1-4 M W 542 BUR HALL STAFF

BIOPH 410 SPECIAL TOPICS IN BIOPHYSICS.

PREREQUISITE: BIOPH. 401 OR EQUIVALENT, BIOPH. 402 AND 403. 1/2 TO 1 UNIT

DISC

STAFF

BIOPH 411 SEMINAR

PREREQUISITE: ENROLLMENT IN THE BIOPHYSICS PROGRAM OR CONSENT

OF INSTRUCTOR. 1/2 UNIT

TOPIC--TO BE ARRANGED.

869 LECT-DISC ARR

11869

STAFF

BIOPH 491

PREREQUISITE: GRADUATE STANDING; CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS
11876 CONF ARR

11876

STAFF

THESIS RESEARCH.

O TO 4 UNITS

114883 CONF STAFF

DEPARTMENT OFFICE

297 MOR HALL

MAJOR: TWENTY HOURS OF BOTANY EXCLUDING BOTANY 100, 101, BIOL. 110, 111, BIOL. 100 AND 101, BUT INCLUDING BOT. 260, 304, 330, AND 335 OR THEIR EQUIVALENT. THE BALANCE OF THE MINIMUM OF TWENTY HOURS MUST BE TAKEN IN OTHER 300 LEVEL COURSES. BIOL. 210 AND 381 ARE STRONGLY RECOMMENDED. IN ADDITION ONE SEMESTER EACH OF ORGANIC CHEMISTRY, PHYSICS AND ZOOLOGY WILL BE REQUIRED. ONE ADDITIONAL SEMESTER OF PHYSICA SOLDOGY WILL BE REQUIRED. BUT THIS MAY BE SELECTED FROM COURSES IN PHYSICS OR GEOLOGY. CREDIT NOT TO EXCEED TWO HOURS IN BIOL. 203 MAY BE INCLUDED IN THE THE MAJOR.

MINORS: TWENTY HOURS IN ONE OR TWO SUBJECTS CHOSEN IN CONSULTATION WITH THE CHAIRMAN OF THE DEPARTMENT FROM THE FOLLOWING: AGRONOMY, CHEMISTRY, ENTOMOLOGY, GEOGRAPHY, GEOLOGY, HORTICULTURE,
MATHEMATICS, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, PLANT PATHOLOGY,
AND ZOOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

IF HORTICULTURE IS CHOSEN AS A MINOR, NOT MORE THAN TEN HOURS MAY BE COUNTED. THE TEN HOURS MAY BE CHOSEN FROM HORT. 100, 110, 230, OR 233, 242, 262, AND 321 OR 322.

NOTE: ATTENTION IS CALLED TO ADDITIONAL COURSE OFFERINGS LISTED NOTE: ATTENTION IS CALLED TO ADDITIONAL COURSE OFFERINGS LISTE UNDER BIOLOGY. BIOLOGY 101 AND 251 ARE ACCEPTABLE PREREQUISITES FOR THOSE ADVANCED COURSES THAT NOW REQUIRE BOTANY 100 OR 101 AND ZOOLOGY 104 OR 101.

### COURSES FOR UNDERGRADUATES

BOT	100	GENERAL	POTANY

\*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101. \*4 HOURS

11891	LECT	1	8	TU TH	228	N	Н	Ħ	STAFF
11901	LECT	2	9	TU TH	228	Ν	Н	В	STAFF
11919	LAB-DISC	M	9-12	TU	258	N	Н	8	STAFF
11926	LAB-DISC	R	1-4	TU	258	Ν	н	В	STAFF
11933	LAB-DISC	В	9-12	W	258	Ν	Н	8	STAFF
11941	L AB-DISC	E	1-4	W	258	Ν	Н	В	STAFF
11958	LAB-DISC	MM	9-12	TH	258	N	Н	В	STAFF
11965	LAB-DISC	RR	1-4	TH	258	Ν	Н	В	STAFF
11972	LAB-DISC	ВВ	9-12	F	258	Ν	Н	8	STAFF
11980	LAB-DISC	EE	1-4	F	258	N	Н	B	STAFF

GENERAL BOTANY FOR SELECTED STUDENTS. BOT

PREREQUISITE: JAMES SCHOLAR STANDING OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101.

\*5 HOURS

11997 LAB-DISC 1-3 259 N H B HOFFMAN

UNDERGRADUATE OPEN SEMINAR. ROT

\*MAY BE REPEATED.

\*0 TO 9 HOURS ARR

# COURSES FOR ADVANCED UNDERGRADUATES

BOT HONORS.

PREREQUISITE: FIFTEEN HOURS OF BOTANY, SENIOR STANDING.

2 HOURS

12017 CONF ε. STAFE

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INDIVIDUAL TOPICS. BOT

PREREQUISITE: BOT. 100, TEN HOURS OF ADVANCED WORK IN BOTANY OR ANOTHER BIOLOGICAL SCIENCE, SENIOR STANDING.
\*GRADUATE STUDENTS MAY OFFER 1 UNIT TOWARD M. S.

\*2 TO 5 HOURS, OR 1/4 OR 1/2 UNIT

12024 CONE ARR STAFF

STAFF

BOT	304 GE	NERAL PLANT	MORPHOLOGY					
	PREREQU	ISTIF: BOT.	100 OR BIC	11. 110	AND 111, 0	R BIOL	. 100 AND	
	4 HOURS	BIOL. 151 /	אט אט אט אויי	CUMSENI	OF INSTRU	CIUR.		
	12031	LECT		8 9-11	TU TH		N H B N H B	CAROTHERS, ROGERS
		LAB		9-11	10 11	400	ипо	KUUEKS
BOT	325 PA	LEOBOTANY.						
		ME AS GEOL.	325.			0501	101 00	
	CONSENT	OF INSTRUCT	OR.	.5. 131	AND 132,	GEUL.	101 UK	
		FIELD TRIPS.						
		LAB-DISC		1-4	TU TH	306	NHB	PHILLIPS
BOT		ANT PHYSIOL						
		ISITE: CHEM.				110 AN	10 111 CR	
	3 HOURS	OR 1/2 UNIT		9	M W F	221	N H B	BOYER
	12036	LECT		7	пиг	231	Мир	GOVINDJEE
								AND NANCE
BOT	SA	ME AS ZOOL.	331.					
	PREREQU	ISITE: BIOL.	210 OR BI	OL. 151	OR 251, A	ND CON	ISENT OF	
	INSTRUC 4 HOURS	OR 1 UNIT						
	12063	LECT		2-5	TU TH	136	BUR HALL H H	STEFFENSEN DAVENPORT
		CMD		2-7	10 111	100		DAVENTOR
BOT	335 PL	ANT PHYSIOLO	GY LABORAT	DRY.				
		ISITE: CREDI		TRATION	IN BOT. 3	30 OR	EQUIVALENT.	
	12071	OR 1/2 UNIT		9-12	TU	405	NHB	NANCE
	12088	LAB		8-12 1-4	TH	405	NHB	NANCE DICKINSON
				1-5	ТН	405	N H B	DICK INSON
BOT		RUSES, I.	AND ZOOL	261				
	PREREQU	ISITE: ORGAN	IC CHEMIST	RY; B10	CHEMISTRY	AND CA	LCULUS	
	RECOMME 3 HOURS	NDED. OR 3/4 UNIT						
	12095	LECT		1	M W F	140	BUR HALL	DRAKE
BOT	381 PL	ANT ECOLOGY	240 00 500	TVALCNIT				
	FIELD T	RIPS.	200 OK CQU	TYALENT	•			
	5 HOURS 12106	OR 1 UNIT	1	0	M W F	308	NHB	BAZZAZ
		LAB		8-12	S	308	N H B	BAZZAZ
			COURS	ES FOR (	GR AD UA TES			
BOT		TANY DISCUSS DIT GIVEN EX		TUDENTS	PRESENTIN	G RESU	LTS OF THEIR	t
		THESIS RESEA	RCH.					
		LECT-DISC		4	TU	124	BUR HALL	BLACK
80T		SCUSSIONS IN	PLANT PHY	SIOLOGY				
	1/4 UNI 12121	LECT-DISC	1	2	F	140	BUR HALL	DICKINSON
BOT	414 DI	SCUSSIONS IN	PLANT MOR	PHOLOGY	AND TAXON	OMY.		
	1/4 UNI 12138	LECT-DISC		4	W	304	NHB	PHILLIPS
							_	

DISCUSSIONS IN PLANT ECOLOGY AND PLANT GEOGRAPHY.
PREREQUISITE: GRADUATE STANDING IN BOTANY, ENTOMOLOGY, GEOGRAPHY, BOT OR ZOOLOGY. \*STUDENTS MAY ACCUMULATE 1 1/2 UNITS. \*1/4 UNIT LECT-DISC 308 N H B HANFY 12145 419 DISCUSSIONS IN PHOTOSYNTHESIS AND RELATED TOPICS. BOT PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 UNIT 140 BUR HALL ARNTZEN. LECT-DISC 12152 GOVINDJEE SYBESMA 7 DISCUSSIONS IN MYCOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR. BOT 1/4 UNIT ROGERS. W 408 N H B 12160 LECT-DISC 3 TUVESON BOT ADVANCED TAXONOMY OF FLOWERING PLANTS, II.

PREREQUISITE: BOT. 260 AND BIOL. 210. OR EQUIVALENT; CONSENT OF INSTRUCTOR. 1 UNIT TU TH 304 N H B PAYNE, SEIGLER 12177 LAB-DISC 1-4 ORIGIN OF VARIATION IN PLANTS. ROT 462 SAME AS AGRON. 462.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT DEWET ARR 12184 1 FC T ADVANCED MYCOLOGY -- SPECIAL GROUPS . BOT PREREQUISITE: BOT. 372 OR CONSENT OF INSTRUCTOR. 1/2 UNIT ROGERS 408 N H B 12191 LAB-DISC ADVANCED STUDIES IN BOTANY. BOT 493 \* NOT MORE THAN I UNIT MAY BE APPLIED TOWARD THE GRADUATE COLLEGE M.S. DEGREE REQUIREMENT OF 3 UNITS OF COURSE WORK. \*1/2 TO 2 UNITS WORK MAY BE TAKEN IN THE FOLLOWING FIELDS: CAROTHERS 8--BIOCHEMICAL CYTOLOGY STEFFENSEN C-BIOLOGICAL RHYTHMS SARGENT D--CYTOGENETICS & SPECIATION DEWET BAZZAZ, HANEY E--ECOLOGY COX, LAUGHNAN, TUVESON F--GENETICS SARGENT G--MORPHOGENES IS SARGENT H--MORPHOLOGY CAROTHERS, PHILLIPS ROGERS, TUVESON I--MYCOLOGY PHILLIPS J--PALEOBOT ANY ARNTZEN, GOVINDJEE, SYBESMA K--PHOTOSYNTHESIS HOFFMAN L--PHYCOLOGY BOYER, DICKINSON, GOVINDJEE, HANSON AND NANCE M--PHYSIOLOGY JONES, PAYNE, SEIGLER CAROTHERS, HOFFMAN, AND N--TAXONOMY O--UL TRASTRUCTURE BLACK, MACLEOD, REICHMAN P--VIROLOGY STAFF Α ARR 12202 LAB ARR 12210 IAB В ARR 12227 LAB ARR 12234 LAB D 12241 LAB E ARR 12259 LAB c ARR 12266 LAB G ARR LAB ARR 12273 н 12281 LAB 1 ARR 12298 LAB ARR 12309 LAB ĸ ARR LAB L ARR 12316 LAB М ARR 12323 12331 1 AB N ARR ARR 1 AB n 12348

LAB

12355

P

ARR

BOT 499 THESIS RESEARCH.
0 TO 4 UNITS 12362 LAB

ARR

STAFF

BURMESE

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

ELEMENTARY BURMESE, I. BURM 1 ELE 5 HOURS

LECT-DISC ARR 12370

SHWANTRA

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INTERMEDIATE BURMESE, I.

PREREQUISITE: BURM. 202 OR EQUIVALENT.
5 HOURS OR 1 UNIT
2387 LECT-DISC ARR

12387

SUWANTRA

BUSINESS

DEPARTMENT OFFICE

350 COM W

COURSES FOR GRADUATES

9 THESIS RESEARCH O TO 4 UNITS BUS

12394 CONF 8-10 TU TH 243 COM W

BUSINESS ADMINISTRATION

DEPARTMENT OF BUSINESS ADMINISTRATION--350 COM W

COURSES FOR UNDERGRADUATES

B ADM 190

O MOTIVATION AND RESPONSIBILITY IN BUSINESS.
PREREQUISITE: FRESHMEN PARTICIPATING IN AN HONORS PROGRAM.

3 HOURS 12405 CONF

10-12 TU 91 COM W

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B ADM 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.

*0 TO 9 HOURS

12412 CONF ARR
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COURSES FOR ADVANCED UNDERGRADUATES

			COU	RSES FOR	ADVANCED	UNDERGRADU	ATES		
B	A DM	200 THE	LEGAL ENVI	RONMENT	OF BUSINE	\$5.			
0	40	PREREQUI	SITE: JUNIO	R STANDI	NG.				
		3 HOURS *SECTION	&B OPEN TO	HONORS	STUDENTS	ONLY-			
		12420	LECT	1	9	M	141	COM W	
		12526	DISC	*&B	9	W F TU TH		COM W	
			DISC	N1	9 10	TU TH		COM W	
		12451	DISC	N2	10	TU TH	160	COM W	
		12469 12476	DISC	P1	11	TU TH TU TH	170 160	COM W	
		12483	DISC	N1 N2 P1 P2 R1	11	TU TH	170	COM W	
		12491 12501	DISC	R2 S1	1 2	TU TH		COM W	
		12519	DISC	\$ 2	2		160	COM W	
В	ADM	201 BAS	IC PRINCIPL	ES OF BU	SINESS LA	W.			
		PREREQUI	SITE: JUNIO	R STANDI	NG; ACCY.	105; ECON. EN FOR 8. A	102.	0.1	
		IN ADDIT	ION TO B. A	DM. 261.	S NUI GIV	EN FUR B. A	DM . 21	01	
		*3 HOURS 12533	LECT-DISC	_	10	M W F	170	COM W	
		12541	LECT-DISC		11	M W F		COM W	
		12558		F	2	M W F	170	COM W	
В	ADM	202 PRI							
		*STUDENT	SITE: ECON. S ARE NOT G	IVEN CRE	EQUIVALEN DIT FOR B	OTH B. ADM.	202	AND	
		B. ADM.							
		*3 HOURS *THESE S	ECTIONS OPE	N TO NON	-COMMERCE	STUDENTS OF	41 Y -		
		SECTION	EN1 OPEN TO	HONORS	STUDENTS	ONLY.			
		12565	DISC	1	11	M W TU TH	141	COM W	
		12580	DISC	M 1	9	TU TH	122	DKH	
			DISC	*M2	9	TU TH TU		COM W	
		12597	DISC	N2	10	TIL TH		COM W	
		12608	DISC	N3	10	TU TH	236	COM W	
		12615 12622	DISC DISC DISC	P2	11 11 1	TU TH TU TH TU TH TU TH		COM W	
		12630	DISC	R1	1	TU TH	166	DKH	
		12661 12647	DIZC	*R 2 S 1	2	TU TH TU TH	226 122	COM W	
		12679		*S2	2		226	COM W	
В	ADM	206 MAR	KETING ENVI	RONMENT.					
		3 HOURS	SITE: B. AD	M. 202.					
		12693	LECT-DISC	A	8	M W F	160	COM W	
В	ADM	210 MAN	AGEMENT AND	ORGANIZ	ATIONAL B	EHAVIOR.			
			SITE: JUNIO			OR B. ADM. 2	ZIO AF	ND B. ADM	. 247.
		*3 HOURS				on de nome :			
		12704	DISC	Ll	8	M TU TH	141 236	COM W	
		12729	DISC	L 2	8	TU TH		COM W	
		12736	DISC	M C	9	TU_TH_		COM W	
		12751	DISC	01	11	W F W F	160	COM W	
		12768	DISC	D2	11	W F	236	COM W	
		12775 12782	DISC	R1 R2	1	TU TH TU TH	166 236	COM W	
		12790	DISC	S1	2	TU TH	166	COM W	
		12801	DISC	\$2	2	TU TH	236	COM W	
	4.04								
В	ADM	211 PROI	DUCTION MAN SITE: B. AD	M. 210.	1.				
		3 HOURS							
		12818	LECT-DISC	В	9	M W F	166	COM W	

B ADM 247 INTRODUCTION TO MANAGEMENT. FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: SOPHOMORE STANDING. \*A STUDENT WILL NOT RECEIVE CREDIT FOR B. ADM. 247 AND B. ADM. 210. \*3 HOURS 12825 LECT-DISC A 8 LECT-DISC D 11 M W F 122 D K H 122 D K H 12832 B ADM 261 SUMMARY OF BUSINESS LAW. FOR NON-COMMERCE STUDENTS ONLY. PREREQUISITE: JUNIOR STANDING. \*CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 261 IN ADDITION TO B. ADM. 201. \*3 HOURS LECT-DISC B 9
LECT-DISC C 10
LECT-DISC E 1 12840 122 ОКН W 12857 М F 122 DKH 122 12864 B ADM 272 INDUSTRIAL SELLING.
FOR NON-COMMERCE STUDENTS.
\*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH B. ADM. 272 AND B. ADM. 202 \*3 HOURS 12871 LECT-DISC E 1 M W F 236 COM W HUMAN VALUES AND BUSINESS BEHAVIOR. PREREQUISITE: ADVANCED STANDING, JAMES SCHOLAR OR PARTICIPANT IN A DEPARTMENTAL HONDRS PROGRAM. 3 HOURS 12889 LECT-DISC &R 1-3 TH 96 CDM W 4 SENIOR RESEARCH.
PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN
THE JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING. B ADM 294 2 TO 4 HOURS M W F 12896 DISC 0 160 COM W B ADM 295 SENIOR RESEARCH. PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING. 2 TO 4 HOURS 12907 DISC M W E 160 COM W COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES B ADM 301 THE LAW OF THE UNIFORM COMMERCIAL CODE. PREREQUISITE: B. ADM. 201 OR 261; SENIOR STANDING. 3 HOURS, OR 3/4 OR 1 UNIT 12914 LECT-DISC F 12921 LECT-DISC G M W F 122 D K H 122 D K H MANAGEMENT IN MANUFACTURING. PREREQUISITE: B. ADM. 213. 3 HOURS OR 1/2 UNIT 12939 LECT-DISC C 10 M W F 236 COM W MARKETING RESEARCH. B ADM 320 PREREQUISITE: B. ADM. 202. 3 HOURS OR 1/2 UNIT LECT-DISC F 12946 2 M W F 166 COM W B ADM 321 INDUSTRIAL SOCIAL SYSTEMS, I.

SAME AS L. I. R. 321.

PREREQUISITE: B. ADM. 210; PSYCH. 100; PSYCH. 201 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 TO 1 UNIT 953 LECT-DISC B 9 M W F 243 COM W 3 INDUSTRIAL SOCIAL SYSTEMS, II.
PREREQUISITE: B. ADM. 321 AND PSYCH 201.
3 HOURS, OR 1/2 TO 1 UNIT
2961 LECT-DISC A 8 M I B ADM 323

76

M W F 243 COM W

12961

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B ADM 337 ADVERTISING AND SALES MANAGEMENT.
PREQUISITE: 8. ADM. 202.
3 HOURS OR 1/2 UNIT
                         LECT-DISC E
                                                         1 M W F 226 COM W
           12978
B ADM 344
                   CONSUMER BEHAVIOR.
          PREREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT
                                                     3 M W F
           12985 LECT-DISC G
                                                                                       226 COM W
B ADM 351 PERSONNEL ADMINISTRATION.
           PERSUNNEL ADMINISTRATION.
PREREQUÍSITE: 8. ADM. 323, AND ECON. 173 AND 240.
*CREDIT WILL NOT BE GIVEN FOR B. ADM. 351 AND PSYCH. 145 OR 245 AND
I. ADM. 448 OR 449.
*3 HOURS, OR 1/2 TO 1 UNIT
12992 LECT-DISC E 1 M W F 170 COM W
B ADM 370 INTERNATIONAL MARKETING.
PREREQUISITE: B. ADM. 202: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT
                                                2 M W F
                                                                                       236 COM W
           13005 LECT-DISC
B ADM 373
                   ELECTRONIC DATA PROCESSING FOR BUSINESS.
          PREREQUISITE: ECON. 170, ACCY. 106 OR 108.

3 HOURS, OR 1/2 OR 1 UNIT

*SECTION G OPEN TO STUDENTS WITH PRIOR COMPUTER KNOWLEDGE ONLY.
13012 LECT-DISC E 1 M W F 166 COM W
13020 LECT-DISC *G 3 M W F 166 COM W
B ADM 374 OPERATIONS RESEARCH.

PREREQUISITE: ECON. 173 AND B. ADM. 210, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

13037 LECT-DISC A 8 M W F 166 COM W

13044 LECT-DISC R 1-230 TU TH 241 COM W
B ADM 380 ADVANCED MARKETING MANAGEMENT.
           PREREQUISITE: B. ADM. 320 AND 337.
3 HOURS OR 1/2 UNIT
           13051 LECT-DISC F
                                                                 M W F 226 CDM W
                                                  COURSES FOR GRADUATES
B ADM 401 SCIENTIFIC MANAGEMENT, I.

SAME AS I. E. 401.

PREREQUISITE: I. E. 386 AND MATH. 361, OR CONSENT OF INSTRUCTOR.
             1 UNIT
          13069
                         LECT-DISC
                                                          3-5
                                                                        TU TH
                                                                                       136 M E B
B ADM 405 MARKETING THEORY AND SYSTEMS.

1 UNIT
13076 LECT-DISC 10-12 TH 122 D K H
B ADM 410 ORGANIZATIONAL SCIENCES, I.

SAME AS POL. S. 460, PSYCH. 453, AND SOC. 456.

PREREQUISITE: ENCOLLMENT AS A MAJOR IN ORGANIZATION SCIENCES IN A COOPERATING PROGRAM OR APPROVAL OF INSTRUCTOR.
             1 UNIT
          13083
                         LECT-DISC
                                                         10-12
                                                                                        166 COM W
                   FOUNDATIONS OF CONSUMER BEHAVIOR.
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B ADM 415 FOUNDATIONS
1 UNIT
1 2091 LECT-DISC 10-12 W 96 COM W B ADM 421 MARKETING STRATEGY: INCORP.

1 UNIT
13101 LECT-DISC 10-12 W 241 COM W B ADM 471 SURVEY METHODS IN MARKETING RESEARCH.
SAME AS SOC. 474.
PREREQUISITE: ECON. 171 OR EQUIVALENT. 1 UNIT 13119 3-5 M 102 L H

EXPERIMENTAL DESIGN. 8 ADM 473 1 UNIT 13126 3-5 LEC T-DISC 170 CDM W B ADM 490 SEM SEMINAR IN MARKETING. 13133 B ADM 491 SEMINAR IN SPECIAL TOPICS.
PREREQUISITE: GRADUATE STANDING AND CONSENT OF INSTRUCTOR. 1/4 TO 1 UNIT 10-12 M W 91 CDM W 13141 LECT-DISC RESEARCH IN SPECIAL FIELDS. 1/4 TO 2 UNITS 13158 CONF THESIS RESEARCH. O TO 4 UNITS 13165 DISC 3-5 TU TH 243 COM W B ADM 500 ) BUSINESS ECONOMICS. PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM. 3/4 UNIT LECT-DISC M F 243 COM W 13172 1-3 MANAGERIAL ECONOMICS. B ADM 501 PREREQUISITE: B. ADM. 500 OR EQUIVALENT. 3/4 UNIT 1-3 M F 241 COM W 13180 LECT-DISC ADMINISTRATIVE BEHAVIOR. PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM. \*CREDIT WILL NOT BE GIVEN FOR BOTH B. ADM. 510 AND 408. **\*3/4 UNIT** 13197 LECT-DISC 3-5 TU TH 241 COM W BUSINESS ORGANIZATION AND ITS ENVIRONMENT. B ADM 512 PREREQUISITE: B. ADM. 511. 3/4 UNIT 13208 LECT-DISC 10-12 TU TH 243 COM W MARKETING. PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM. 3/4 UNIT 13215 LECT-DISC 10-12 M F 243 COM W B ADM 524 MARKET DEVELOPMENT. PREREQUISITE: B. ADM. 522 OR EQUIVALENT. 3/4 UNIT 1-3 M 126 COM W 1-3 F 36 COM W LECT-DISC 13222 B ADM 532 PRODUCTION PLANNING AND CONTROL. PREREQUISITE: FIRST YEAR OF THE M.B.A. PROGRAM. 3/4 UNIT 13230 LECT-DISC 10-12 TU TH 96 COM W B ADM 543 LEGAL PROBLEMS OF BUSINESS MANAGEMENT.

PREREQUISITE: COMPLETION OF THE FIRST YEAR OF THE M. B. A. PROGRAM
OR EQUIVALENT. 3/4 UNIT LECT-DISC 10-12 M F 166 COM W

B ADM 544 EXECUTIVE POLICIES AND PLANNING.

PREREQUISITE: FIRST YEAR MASTER OF BUSINESS ADMINISTRATION COURSES

OR EQUIVALENT.

1 UNIT

13254 LECT-DISC 3-5 TU TH 122 D K H

B ADM 552 FINANCIAL MANAGEMENT AND CONTROL, 1.
PREREQUISITE: 8. ADM. 551. 3/4 UNIT 8-10 M F 236 COM W 13261 LECT-DISC O MANAGERIAL ACCOUNTING AND CONTROL.
PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM. B ADM 560 3/4 UNIT 13279 LECT-DISC 1-3 TU TH 243 COM W B ADM 562 INDUSTRIAL COST CUNIKO
PREREQUISITE: B. ADM. 560. INDUSTRIAL COST CONTROL. 3/4 UNIT 1-3 TU TH 91 COM W LECT-DISC 13286 B ADM 570 MATHEMATICAL ANALYSIS FOR BUSINESS DECISIONS.
PREREQUISITE: ENROLLMENT IN A GRADUATE PROGRAM.
3/4 UNIT 8-10 M F 241 COM W LECT-DISC MODERN AND CLASSICAL STATISTICS FOR BUSINESS DECISIONS. B ADM 572 772 MUDERA MID 2017 3/4 UNIT 13304 LECT-DISC C 10-12 M F 241 COM W 13311 LECT-DISC L 8-10 TU TH 241 COM W B ADM 573 INTRODUCTION TO OPERATIONS RESEARCH.
PREREQUISITE: B. ADM. 572 AND FIRST YEAR OF M.B.A. PROGRAM. 3/4 UNIT 13329 LECT-DISC 10-12 TU TH ECONOMICS OF DECISION MAKING. PREREQUISITE: B. ADM. 572. 3/4 UNIT 13336 LECT-DISC 8-10 TU TH 166 COM W B ADM 578 STOCHASTIC MODELS IN MANAGEMENT SCIENCE.
PREREQUISITE: MATH. 361 OR 363 OR EQUIVALENT.

1 UNIT 13343 LECT-DISC 10-12 96 COM W

INDEPENDENT STUDY AND RESEARCH. B ADM 590

1/2 TO 1 UNIT 1/2 TO 1 UNIT 13351 CONF G1 3-5 M 241 COM W 13368 CONF G2 3-5 W 241 COM W

B ADM 599 THESIS RESEARCH.
0 TO 4 UNITS
13375 CONF

## CERAMIC ENGINEERING

DEPARTMENT OFFICE

203 CER

#### COURSES FOR UNDERGRADUATES

1 CERAMIC CRYSTAL CHEMISTRY.
PREREQUISITE: SOPHOMORE STANDING. CER E 101 3 HOURS LECT M W F 218 CER 13382

FRIEDBERG

CER E 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. #0 TO 9 HOURS

13390 CONF FACULTY

#### COURSES FOR ADVANCED UNDERGRADUATES

CER E 205 PHASE EQUILIBRIA IN CERAMIC SYSTEMS. PREREQUISITE: CONCURRENT REGISTRATION IN CHEM. 245 OR CONSENT OF INSTRUCTOR.

3 HOURS 13401 LECT-DISC 8-10 TU TH 218 CER BERGERON

CHEMISTRY AND TECHNOLOGY OF GLASS. CER E 214 PREREQUISITE: JUNIOR STANDING IN CERAMIC ENGINEERING, CHEMISTRY, OR PHYSICS. 3 HOURS

13418 LECT 13425 LAB 13432 LAB CER 218 A B 2-5 111 CER 111 CER 2-5 TOOLEY

CER E 221 PYROMETRY.

PREREQUISITE: JUNIOR STANDING, SOPHOMORE PHYSICS. 2 HOURS

13440 11 2-5 TU TH 218 CER 317 CER TH 317 CER LECT 11 13457 LAB Δ 317 CER 13464 В 2-5

CER E 271 DESIGN OF HIGH TEMPERATURE SYSTEMS. PREREQUISITE: CER. E. 208, T. A. M. 221.

3 HOURS 13471 LECT-DISC 3-5 M W F 218 CER

WILLMORE

NELSON

BROWN

RESEARCH AND CEVELOPMENT METHODS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR. 2 HOURS

13489 LECT TU TH 56 M E B TOOLEY

8 SPECIAL PROBLEM.
PREREQUISITE: SENIOR STANDING. CER E 298 1 TO 2 HOURS

ARR 13496 CONF

**EACHLTY** 

SENIOR THESIS. CER E 299

PREREQUISITE: SENIOR STANDING AND A GRADE POINT AVERAGE OF 4.0 OR BETTER. \*STUDENTS MAY REGISTER MORE THAN ONCE FOR A MAXIMUM OF FIVE HOURS. TO RECEIVE CREDIT, A THESIS MUST BE PRESENTED.

\*1 TO 5 HOURS

CONF **EACULTY** 

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CER E 307 THERMAL AND MECHANICAL PROPERTIES OF CERAMIC MATERIALS. PREREQUISITE: CER. E. 216, CER. E. 331, T. A. M. 154, AND T. A. M. 221.

3 HOURS OR 3/4 UNIT

13514 LECT 13521 LAB 13539 LAB 319 CER 114 CER 114 CER 9-12 A B M TH 2-5

CER	Ε	PREREQUI 3 HOURS	TEWARE MATE SITE: CER. OR 3/4 UNIT	E. 206 01					
		13546 13553	L E C T L A B	Α	10 2-5	TU TH		C E R C E R	COOK
		13561	LAB	В	9-12	10	F 113	CER	
CER	Ε	311 CER	AMIC X-RAY	ANALYSIS	CENTOD C	TA NO T NC	IN ENCL	USEDING	
		CHEMISTR	AMIC X-RAY SITE: C. S. Y, GEOLOGY,	OR CONS	ENT OF INS	STRUCTO	R.	NECKING,	
		3 HOURS 13578	OR 3/4 UNIT		1	TU TH		CER	WIRTZ
		13585	LAB	A	2-5 2-5	TU	316	CER	
		13592	LAB	В	2-5	111	316	CER	
CER	F	320 ADV	ANCED PORCE	LATN FNA	MELS				
	-	PREREQUI	SITE: CER.	E . 222 O	CONSENT	OF INS	TRUCTOR.		
		13603	LECT	2 10 3/4	11	W	ARR		COOK
			LAB		2-5	TH	102	CER	
650	_	221	4416 416006						
CER	E	331 CER PREREQUI	AMIC MICROS SITE: CER. OR 3/4 OR	E. 205 01	R CONSENT	OF INS	TRUCTOR.		
		3 HOURS, 13611	OR 3/4 OR LECT	1 UNIT	2	TU	322	CER	
		13011	LAB		3-6	TU	322	CER	
					8-10	TH	322	CER	
				COLI	RSES FOR (	ERADUAT.	FS		
				600	(323 101 (	JKAO OA I	. 3		
CER	Е	401 CER	AMIC CHEMIS	TRY.					
		PREREQUI 1 UNIT	SITE: COURS	ES IN CHI	EMISTRY AN	ND PHYS	ICS.		
		13628	LECT-DISC		10	M W	F 218	CER	
CER	Е	405 GLA PREREQUI	SS TECHNOLOG	3 Y <b>.</b> E <b>.</b> 301 O	R FOUTVAL	ENT OR	CONSENT (	OF INSTRUCTOR.	
		*FOR 1 U	NIT ARRANGE 1 UNIT	EXTRA CO	ONTACT HO	JRS WIT	H INSTRU	TOR.	
		13635	LECT-DISC		11	TU TH	214	CER	TOOLEY
CER	E	PREREQUI	LECTRIC PRO SITE: MATH.	PERTIES (	OF CERAMIC	MATER	IALS. INSTRUCT	nr.	
		*FOR 1 U	NIT ARRANGE	EXTRA CO	ONTACT HOL	JRS WIT	H INSTRUC	TOR.	
		*3/4 TO 13642	LECT		8	W	F 218	CER	
CER	Е	421 REF	RACTORY MATE SITE: CER. I	ERIALS E	NGINEER IN	G. TNC	TAUCTOR		
		1 UNIT		E. 310 Ur					
		13650	LEC T-DISC		10	M W	F 322	CER	
CER	F	461 MIN	ERALOGY OF	CLAYS.					
O E N	-	SAM	E AS GEOL.	461.			5 LT 05 T		
		PREREQUI 1 UNIT	SITE: GEOL.	336 OR (	EQUIVALENT	; cons	ENT OF IN	ISTRUCTOR.	
		13667	L ECT LAB	Α.	10 RR	M W	F 109	NHB	
			LAD	A1	N.				
CER	E		ERIALS AND						
		PREREQUI O TO 2 U	SITE: GRADU	ATE STAN	DING IN CE	RAMIC	ENGINEER	ING.	
		13674	LECT-DISC	AF					FACULTY
		IN	STRUCTORS-AL	DOLEY, WI	RGERON, BF ILLMORE, V	KUWN. C	OUK, FRIE S, WIRTZ	DBERG, NELSON,	
CER	E	498 SEM	INAR IN CER	AMICS.	00.40.44		WEG 211 G	DANIE	
		ENGINEER							
		PREREQUI O CREDIT	SITE: GRADU	ATE STAN	ING IN CE	RAMIC	ENG INEER I	NG.	
		13681	LECT		2		F 218	CER	

CER E 499 THESIS RESEARCH.

PREREQUISITE: CER. E. 311, GRADUATE STANDING IN CERAMIC
ENGINEERING.

O TO 4 UNITS
13499 CINE ARR

INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON, TOOLEY, WILLMORE, WILLIAMS, WIRTZ.

CHEMISTRY AND CHEMICAL ENGINEERING

DEPARTMENT OFFICE

106 N L

CHEMISTRY CURRICULUM: SEE UNDERGRADUATE STUDY CATALOG.

CHEMISTRY MAJORS IN THE SCIENCES AND LETTERS CURRICULUM: SEE UNDERGRADUATE COURSES CATALOG.

NOTE: CERTAIN CHEMISTRY COURSES HAVE BEEN REVISED AND RENUMBERED. THE FOLLOWING OLD AND NEW NUMBERS MAY BE INTERCHANGED IN ORDER TO SATISY LISTED PREREQUISITES: OLD CHEMISTRY 133 IS NOW CHEMISTRY 131 AND 134, OLD CHEMISTRY 234 IS NOW CHEMISTRY 136, OLD CHEMISTRY 281 IS NOW CHEMISTRY 181.

#### CHEMISTRY

#### COURSES FOR UNDERGRADUATES

CHEM 100 INTRODUCTORY CHEMISTRY.

NO PREVIOUS CREDIT IN HIGH SCHOOL CHEMISTRY IS PRESUMED.

PREREQUISITE: TWO AND ONE-HALF UNITS IN HIGH SCHOOL MATHEMATICS,
OR CREDIT OR CONCURRENT REGISTRATION IN MATH. 111 OR 112.

2 HOURS

ATTENDANCE AT LECTURE, AT ASSIGNED QUIZ AND FOR 2-3 HOURS
(UNSCHEDULED) IN AUDIO-TUTORIAL FACILITY (308 N. L.) IS
REQUIRED WEEKLY.

\*QUIZ SECTION J IS FOR STUDENTS WITH EXCEPTIONALLY POOR BACKGROUNDS
IN CHEMISTRY AND MATHEMATICS.

13700 LECT 10 M W 100 N L ROGERS
LAB ARR 308 N L

13717 QUIZ A 10 F 201 N L

13700	LECT		10	M W	100	N L	
	LAB		ARR		308	3 N L	
13717	ZIUQ	А	10		F 20:	L N L	
13724	QUIZ	В	9		F 201	NL	
13731	QUIZ	C	10		F 103	3 N L	
13749	ZIUQ	D	10		F 210	C A	
13756	QUIZ	Ε	10		F 199	E C	
13763	QUIZ	F	1		F 20:	LNL	
13771	QUIZ	G	2		F 201	N L	
13788	ZIUP	*J	1	M W	F 103	3 N L	

CHEM 101 GENERAL CHEMISTRY.

FOR STUDENTS WHO HAVE SOME PRIOR KNOWLEDGE OF CHEMISTRY.

PREREQUISITE: CREDIT FOR OR EXEMPTION FROM MATH. 111 OR 112.

4 HOURS

A STUDENT MUST REGISTER IN A QUIZ-LAB COMBINATION BEARING THE SAME LETTER AS THE LECTURE HE CHOOSES.

LECTURES D, E, F, AND G ARE TV LECTURES.

LECT 13795 Α 10 TU TH 100 N L LECT 14388 В TU TH 100 1.1 N L 14559 LECT 100 C 1 TU TH N L 13966 LECT \* D 9 TU TH 66 LIB 14064 LECT ¢Ε 103 9 TU TH M H LECT 14161 \*F 2 TU TH 103 M H 14274 LECT \*G 2 TU TH 66 LIB 13806 QUIZ 2A 3 TU TH 103 N L LAB 2 A 9-12 М 101 13813 QUIZ 101 E C 3 A 34 2-5 LAB 101 13821 QUIZ 10 164 N L 44 М 44 LAB 2-5 TU 101 C A

101 CON	TINUED	5A	11	TU TH	111 N.L
13838	QUI Z L AB	5A 5A	11 2-5	TU TH TU	111 N L 101 C A
13845	QUIZ	6 A	3	TU TH	164 N L
	LAB	6A	9-12	W.	201 C A
13852	QUIZ	7 A	3	W F	195 N L
13860	QUIZ	7A 8A	1-4	TH M W	1 C A 161 N L
13000	LAB	8 A	1-4	TH	1 C A
13877	QUIZ	9A	10	M W	193 E C
	LAB	9 A	2-5	₩	101 C A
13884	QUIZ	10A	10	W F	101 E C 201 C A
13891	LAB	10A 11A	2-5	TH M W	201 C A
13071	LAB	IIA	9-12	F	201 C A
13902	QUIZ	12A	12	M W	161 N L
	LAB	12A	9-12	F	201 C A
13910	QUIZ LAB	13A 13A	12 8-11	TU TH	162 N L 1 C A
13927	QUIZ	144	2	M W	111 N L
13721	LAB	14A	2-5	F	201 C A
13934	QUIZ	15A	3	M W	115 E C
	LAB	15A	2-5	F	101 C A
13941	QUIZ	16A 16A	12 9-12	TU TH	217 N L 101 C A
13959	QUIZ	84A	11	TU TH	195 N L
	LAB	84A	9-12	M	101 C A
14395	QUIZ	178	9	W F	195 N L
	LAB	178	9-12	M	101 C A
14406	QUIZ LAB	18B 18B	11 2-5	W F	193 E C 101 C A
14413	QUIZ	19B	11	M W	164 N L
	LAB	198	2-5	TU	101 C A
14421	QUIZ	208	10	TU TH	116 E C
14420	LAB	20B	9-12	W F	201 C A
14438	QUI Z L AB	21B 21B	2 9-12	W F	217 N L 101 C A
14445	QUIZ	228	3	TUTH	195 N L
	LAB	22B	9-12	W	101 C A
14452	QUIZ	238	3	M W	199 E C
14460	L AB QUIZ	23B 24B	1-4	TH M W	I C A 193 E C
14400	LAB	248	2-5	TU	201 C A
14477	QUIZ	258	12	M W	111 N L
	LAB	258	2~5	W	101 C A
14484	QUIZ	268	1	TU TH	195 N L
14491	LAB	268 278	8-11 12	TH W F	1 C A 101 E C
14471	LAB	27B	2-5	TH	201 C A
14502	QUIZ	288	10	M W	103 N L
	LAB	288	9-12	F	201 C A
14510	QUI Z L AB	2 9 B 2 9 B	9 8-11	TU TH	195 N L 1 C A
14527	QUIZ	30B	2	TU TH	111 N L
	LAB	30B	2-5	F	201 C A
14534	QUIZ	318	10	TU TH	164 N L
14541	LAB	318	9-12	F	101 C A
14541	Q U I Z L A B	85B 85B	2 2-5	TU TH	164 N L 101 C A
14566	QUIZ	320	2	W F	101 E C
	LAB	3 2 C	2-5	M V	101 C A
14573	QUIZ	330	2	W F	199 E C
14581	LAB	33C 34C	2-5	M TU TH	101 C A 164 N L
14701	LAB	34C	2-5	M	201 C A
14598	QUIZ	35C	9	W F	217 N L
	LAB	35C	9-12	TU	201 C A
14609	ZIUP	360	9	W F	101 E C
14616	L AB QUIZ	36C 37C	9-12 1	TU M W	201 C A 199 E C
1,010	LAB	37C	2-5	W	101 C A
14623	QUIZ	3 8C	8	TU TH	199 E C
	LAB	38C	9-12	TH	101 C A
14631	QUIZ	390	10	W F	H C A
14648	L AB QUI Z	39C 40C	8-11	TH W F	1 C A 161 N L
1.0.0	LAB	4 OC	8-11	тн	1 C A
14655	QUIZ	41C	9	M W	103 N L
	LAB	41C	9-12	TH	201 C A

CHEM

нем	101 CONTI	INUED				
	14662	QUIZ	42C	1	W F	115 E C
		LAB	42C	9-12	TH	201 C A
	14670	QUIZ	43C 43C	12	TU TH	161 N L 1 C A
	14687	LAB QUIZ	44C	8-11 3	M W	1 C A 103 N L
	14001	LAB	44C	2-5	, F	101 C A
	14694	QUIZ	45C	1	M W	162 N L
		LAB	45C	1-4	F	1 C A
	14705	QUIZ LAB	46C 46C	1 9-12	W F	8 C A 201 € A
	14712	QUIZ	47C	3	TU TH	162 N L
		LAB	47C	1-4	F	1 C A
	13973	QUIZ	*48D	10	TU TH	195 N L
	13981	L AB QUI Z	*48D *49D	9-12 11	M TU TH	201 C A 152 C A
	13701	LAB	*49D	9-12	M	201 C A
	13998	QUIZ	*50D	8	M W	152 C A
		LAB	*50D	2-5	TU F	101 C A
	14001	QUIZ LAB	*510 *510	3 2-5	W F TU	217 N L 201 C A
	14018	QUIZ	*52D	11	W F	103 N L
		LAB	<b>*52D</b>	1-4	TH	1 C A
	14025	QUI Z	*53D	11	TU TH	103 N L
	14032	L AB QUIZ	≠53D ≠54D	2-5 8	TH TU TH	201 C A 161 N L
	14032	LAB	*54D	9-12	F	101 C A
	14040	QUIZ	<b>*550</b>	3	TU TH	115 E C
		LAB	*55D	9-12	W	201 C A
	14057	QUIZ LAB	*86D *86D	1 9-12	TU TH F	164 N L 201 C A
	14071	QUIZ	*56E	12	TU TH	195 N L
		LAB	*56E	9-12	М	101 C A
	14089	QUIZ	*57E	9	. W F	8 C A
	14096	L A B QUIZ	*57E *58E	9-12 9	M W F	101 C A 152 C A
	14090	LAB	*58E	9-12	м "	201 C A
	14107	QUIZ	*59E	8	W F	199 E'C
		LAB	*59E	9-12 10	W	101 C A
	14114	QUI Z L AB	*60E *60E	2-5	W F TU	111 N L 201 C A
	14121	QUIZ	≠61E	9	w F	193 E C
		LAB	*61E	2-5	TU	201 C A
	14139	QUIZ LAB	*62E *62E	8 2-5	M W	101 E C 101 C A
	14146	QUIZ	*63E	8	W M W	101 C A 217 N L
		LAB	*63E	2-5	TH	201 C A
	14153	QUIZ	*64E	8	TU TH_	115 E C
	14178	L AB QUIZ	*64E *65F	9-12	F W F	101 C A
	14170	LAB	*65F	9-12	м	201 C A
	14185	QUIZ	<b></b> ≠66F	2	W F	103 N L
		LAB	*66F	2-5	М	201 C A
	14192	QUIZ LAB	*67F	2 2-5	W F	116 E C 201 C A
	14203	QUIZ	≠68F	3	w F	111 N L
		L AB	*68F	2-5	М	201 C A
	14211	QUIZ	*69F	2	W F	E C A
	14228	LAB QUIZ	*69F *70F	9-12 2	TU W F	201 C A 152 C A
		LAB	*70F	9-12	TU	101 C A
	14235	QUIZ	*71F	8	MW	111 N L
	14242	L A B QUIZ	*71F *72F	9-12	TU M W	101 C A 111 N L
	14242	LAB	*72F	9-12	าบ	101 C A
	14250	QUIZ	*73F	11	W F	152 C A
	14247	LAB	*73F	9-12	TH	101 C A
	14267	QUIZ LAB	*74F *74F	3 9-12	W F	162 N L 201 C A
	14281	QUIZ	*75G	1	TU TH	199 E C
		LAB	<b>*75</b> G	9-12	TH	101 C A
	14299	QUIZ	*76G	9	W F	164 N L
	14300	L AB QUIZ	*76G *77G	9-12 11	TH TU TH	101 C A 161 N L
	2 1300	LAB	<b>≠77</b> G	8-11	TH	1 C A
	14317	QUIZ	*78G	8	TU TH	111 N L
	14324	LAB	*78G *79G	9-12 3	TH W F	201 C A 161 N L
	14324	LAB	* 79G * <b>7</b> 9G	3 9-12	W F TH	161 N L 201 C A
		3				

CH

HEM	101 CONTI 14331	NUED	*80G	2	M W	161 N L	
	14331	LAB	*80G	2-5	F	201 C A	
	14349	QUIZ	*81G	2	M W	115 E C	
	14356	L AB QUI Z	*81G *82G	1-4 E	F W F	1 C A	
	14330	LAB	*82G	9-12	TU	101 C A	
	14363	QUIZ	*83G	1	TU TH	162 N L	
	14371	LAB QUIZ	*83G *87G	8-11 9	F TU TH	1 C A	
	14371	LAB	*87G	2-5	F	101 C A	
СНЕМ	102 GEN	IERAL CHEI	MISTRY.				
	PREREQUI PLACEMEN	SITE: CH	EM. 101, 0	R 107, OR	ADVANCED F COLLEGE LE	EVEL CHEMI	STRY
	4 HOURS						
			GISTER IN ARE TV LE		LAB-LECTURE	COMBINAT	ON.
	14720	QUIZ	103	8	TU TH	164 N L	
		LAB	103	1-4	M	1 C A	
	14737	L ECT QUI Z	R 104	11	TU TH	103 M H	
	14/3/	LAB	104	8-11	TU TH M	193 E C	
		LECT	R	11	TU TH	103 M H	
	14744	QUIZ	105	8	TU TH	195 N L	
		L A B LECT	105 R	8-11 11	M TU TH	1 C A	
	14751	QUIZ	106	9	TU TH	164 N L	
		LAB	106	1-4	М	1 C A	
	14740	LECT	R 107	11	TU TH	103 M F	
	14769	QUIZ LAB	107	10	TU TH TU	103 N L	
		LECT	R	11	TU TH	103 M F	
	14776	QUIZ	108	1	TU TH	111 N L	
		LAB LECT	108 R	8-11 11	TU TU TH	1 C A	
	14783	QUIZ	109	9	TU TH	199 E C	
		LAB	109	1-4	TU	1 C A	
	14791	L EC T QUIZ	R 110	11	TU TH TU TH	103 M H 103 N L	
	14171	LAB	110	8-11	W III	1 C A	
		LECT	R	11	TU TH	103 M H	ł
	14801	QUIZ LAB	111	3 8-11	TU TH	111 N L	
		LECT	R	11	TU TH	103 M H	
	14819	QUIZ	112	3	W F	193 E C	;
		LAB	112	1-4	TU	1 C A	
	14826	L ECT QUIZ	R 113	11	TU TH TU TH	103 M H	
	1.020	LAB	113	8-11	M	1 C A	
		LECT	S	11	TU TH	100 G F	
	14833	QUIZ LAB	114 114	11	M W M	300 N L	
		LECT	5	11	TU TH	100 G H	
	14841	QUIZ	115	12	M W	199 € 0	
		L A B L E C T	115 S	8-11 11	TU TU TH	100 G H	
	14858	QUIZ	116	10	W F	152 C A	
		LAB	116	8-11	TU	1 C A	
	14865	LECT	S	11	TU TH	100 G H	
	14805	QUIZ LAB	117 117	12 8-11	M W TU	162 N L	
		LECT	S	11	TU TH	100 G F	
	14872	QUIZ	118	1	W F	116 E C	
		L A B L E C T	118 S	8-11 11	W TU TH	1 C A	
	14880	QUIZ	119	3	W F	164 N L	
		LAB	119	8-11	M	1 C #	
	1 / 007	LECT	S	11	TU TH	100 G H	
	14897	QUI Z LAB	120 120	1 1-4	W F	152 C A	
		LECT	S	11	TU TH	100 G H	
	14908	QUIZ	121	3	WF	116 E C	
		L A B L E C T	121 S	8-11 11	W TU TH	1 C A	
	14915	QUIZ	122	10	TU TH	217 N L	
		LAB	122	1-4	TU	1 C A	
		LECT	5	11	TU TH	100 G F	1

С

			D-	
CHEM	107 GENERAL CHEMISTRY.			
	PREREQUISITE: ONE YEAR O	OF HIGH SCHOO	OL CHEMISTRY WITH	AT LEAST A B
	AVERAGE GRADE; CREDIT OF	REGISTRATI	ON IN MATH. 122 OF	2 123.
	*STUDENTS WITH CREDIT IN	V CHEM. 101	RECEIVE ONLY	
	2 HOURS CREDIT. STUDENT	S WITH ADVA	NCED PLACEMENT CRI	EDIT IN
	CHEMISTRY MAY, WITH THE	CONSENT OF	THE DEPARTMENT, TA	AKE THE
	LABORATORY PART OF THIS	COURSE FOR .	2 HOURS CREDIT, BU	JT MAY
	NOT RECEIVE MORE THAN 5	HOURS TOTAL	CREDIT FOR CHEMIS	TRY 107.
	*5 HOURS			
	SECTIONS &29, &30, AND &	31 ARE REST	RICTED TO DESIGNAT	TED HONOR
	STUDENTS.			
	14922 LECT	13	TU TH 100	N Ł

STUDENTS	,								
14922	LECT		18	Τt	J TH		100	N	Ł
15060	QUIZ	829	1	M	W	F	193	Е	C
	LAB	& 29	8-12	M			310	С	Α
15077	QUIZ	630	2	M	W	F	193	E	C
	LAB	830	8-12		W		310	С	Α
15084	QUIZ	631	10	M	W	F	116	Ε	C
	LAB	831	1-5	M			310	C	Д
14930	QUIZ	132	2	15	W	F	164	Ν	L
	LAB	132	8-12		W		310	C	Α
14947	QUI Z	133	I	M	W	F	101	Ε	C
	LAB	133	8-12	M			310	C	Α
14954	QUIZ	134	8	M	W	F	103	N	L
	LAB	134	1-5		W		310	С	Α
14961	QUIZ	135	9	M	W	F	161	N	Ł
	LAB	135	1-5		TH	ł	310	C	Α
14979	QUIZ	136	2	M	W	F	195	Ν	L
	LAB	136	1-5		TH	1	310	С	Δ
14986	QUIZ	137	8	M	W	F	164	Ν	L
	LAB	137	1-5		W		310	C	Α
14993	QUIZ	138	9	M	W	F	162	Ν	L
	LAB	138	1 -5	M			310	C	Α
15006	QUIZ	139	11	М	W	F	111	Ν	L
	LAB	139	1-5			F	310	C	Α
15013	QUIZ	140	11	M	W	F	162		L
	LAB	140	1-5			F	310	C	Α
15021	QUIZ	141	4	M	W	F	111	Ν	L
	LAB	141	8-12			F	310	C	Α
15038	QUIZ	142	4	М	M	F	162	Ν	L
	LAB	142	8-12			F	310	C	Α
15045	QUIZ	143	10	M	W	F	195	Ν	L
	LAB	143	1-5	М			212		Α
15052	QUIZ	144	11	М	W	F	195	N	L
	LAB	144	I - 5		W		212	С	Α

# CHEM 108

8 GENERAL CHEMISTRY.
PREREQUISITE: CHEM. 107.
\*STUDENTS WITH ADVANCED PLACEMENT CREDIT IN CHEMISTRY, MAY WITH
THE CONSENT OF THE DEPARTMENT, TAKE THE LABORATORY PART OF THIS
COURSE FOR 2 HOURS CREDIT BUT MAY NOT RECEIVE MORE THAN 5 HOURS
TOTAL CREDIT FOR CHEM. 108.

\*5 HOURS 10 TU TH M W F TU 15091 LECT 111 N L 162 N L QUIZ 162 LAB 310

CHEM 122

PELEMENTARY QUANTITATIVE ANALYSIS.

FOR ALL STUDENTS IN HOME ECONOMICS AND PREMEDICAL COURSES AND ALL
OTHERS WHO HAVE NOT FOLLOWED THE SEQUENCE CHEM. 107 AND 108.

PREREQUISITE: CHEM. 102.

HARTLEY

SMITH

5 HOURS

STUDENTS ARE REQUIRED TO TAKE THE QUIZ AND LABORATORY IN SOME ONE SECTION.

15102	LECT		11	M W	100	N L
15110	QUIZ	Al	11	F	210	CA
	LAB	A 1	1-530	M W	301	C A
15127	QUIZ	81	11	F	300	NL
	LAB	81	1-530	TU TH	301	CA
15134	QUIZ	Cl	11	F	204	N L
	LAB	Cl	8-1230	TU TH	301	CA
15141	QUIZ	A 2	11	F	164	N Ł
	LAB	A2	1-530	M W	301	CA
15159	QUIZ	B2	11	F	201	N L
	LAB	82	1-530	TU TH	301	CA
15166	QUIZ	C2	11	F	217	N L
	LAB	C2	8-1230	TU TH	301	CA

CHEM

1 ELEMENTARY ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 102 OR CHEM. 108.
\*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 131 AND 136. \*3 HOURS

15173 LECT 100 N L

```
4 ELEMENTARY ORGANIC CHEMISTRY LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 131.
  CHEM
             *STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 134 AND 181.
             *2 HOURS
                        ARE REQUIRED TO TAKE ONE QUIZ SECTION AND ONE LAB SECTION.
             STUDENTS
          15181
                        QUIZ
                                А
                                                 0
                                                                         217
           15198
                        QUIZ
                                      В
                                                  3
                                                            М
                                                                          100
          15209
                        QUIZ
                                                  9
                                                             TU
          15216
                        LAB
                                      Α
                                                  1-5
                                                                          467
          15223
                        LAB
                                     В
                                                  1-5
                                                                          467
          15231
                        LAB
                                                  1-5
                                                                          467
          15248
                        LAB
                                      D
                                                  1-5
                                                                          467
          15255
                        LAB
                                      Е
                                                  1-5
                                                                          467
          15262
                        LAB
                                                  8-12
                                                                          467
                                      G
          15270
                        LAB
                                                  8-12
                                                                TΗ
                                                                          467
          15287
                                                  8-12
                                                                          467
                        I AB
             BASIC ORGANIC CHEMISTRY.
PREREQUISITE: CONCURRENT REGISTRATION IN CHEM. 181; CHEM 108 OR 122, AND MATH. 132 OR 133.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 136 AND 131.
  CHEM
         136
             #3 HOURS
          15294
                        LECT
                                                                         116 F C
                                                                                                  KAT7 IL ENBOGEN
            1 STRUCTURE AND SYNTHESIS.
PREREQUISITE: CONCURRENT REGISTRATION IN CHEM. 136; CHEM. 108 OR
  CHEM
         181
             122, AND MATH. 132 OR 133.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 181 AND 134.
             #2 HOURS
          15305
                        QUIT 7
                                      Δ
                                                 2
                                                                         217
                                                                                                  CHRIIN
          15312
                        QUIZ
                                      В
                                                  2
                                                                 TH
                                                                         217
          15320
                        QUIZ
                                                  Q
                                                                 TΗ
                                                                          217
                                      C
          15337
                        LAB
                                     Α
                                                  1-5
                                                                          250
          15344
                        LAB
                                     В
                                                  1-5
                                                                         250
          15351
                        LAB
                                                  8-12
                                                             TU
                                                                          250
                                      C
          15369
                        LAB
                                                 8-12
                                                                         250
                                                             TU
          15376
                        LAB
                                     E
                                                  1-5
                                                             TU
                                                                          250
          15383
                        LAB
                                                  1-5
                                                             TU
                                                                         250
          15391
                        LAB
                                     G
                                                  1-5
                                                                         250
          15401
                        LAB
                                                  1-5
                                                                 TH
                                                                         250
                                      Н
          15419
                        LAB
                                                  8-12
                                                                         250
                                                                TH
                                                                                N
                                     I
          15426
                       LAB
                                      J
                                                 8-12
                                                                TH
            9 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
         199
 CHEM
             *0 TO 9 HOURS
          15433
                                             ARR
                                                                                                  BELEGED
                       CONE
                                      Λ
                                             ADD
          15441
                       CDME
                                      В
                                                                                                   STAFF
                                 COURSES FOR ADVANCED UNDERGRADUATES
  CHEM
         245
                 PHYSICAL CHEMISTRY FOR ENGINEERS.
             NOT OPEN TO CHEMISTRY OR CHEMICAL ENGINEERING MAJORS.
PREREQUISITE: CHEM. 102: PHYCS. 107 OR 108: MATH. 142, 143
             OR EQUIVALENT.
             3 HOURS
          15458
                                                            M W F
                                                                        162 N I
 CHEM
         290 THESIS.
             *A MAXIMUM OF TEN HOURS MAY BE COUNTED TOWARDS GRADUATION AND A
             THESIS MUST BE PRESENTED FOR CREDIT TO BE RECEIVED.
             *2 TO 6 HOURS
          15465
                       CONF
                                             ARR
                                                                                                  STAFF
                            COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
CHEM
             5 INORGANIC CHEMISTRY.
PREREQUISITE: CREDIT OR REGISTRATION IN PHYSICAL CHEMISTRY.
3 HOURS OR 3/4 UNIT
```

M W F

112 C A

STUCKY

9

15472

LECT

CHEM		STRUMENTAL A								
	PREREQU	ISITE: CHEM. OR 3/4 UNIT	340 OR	342, AND	383.					
	15480	LECT		8	M W		115	E C		JONAS
	15497 15508	LAB LAB	A B	1-530 1-530	W TU		167 167	E C		
	15515	LAB	С	8-1230	TU		167	E C		
CHEM		PARATION MET ISITE: CHEM		QUANTITA	TIVE	ORGANI	C ANA	LYSIS	•	
	4 HOURS	OR 1 UNIT								
	15522 15530	LECT LAB	A	1-530	M W		199 145	E C		JUVET
	15547	ŁAB	В	1-530		F	145	E C		
CHEM	PREREQUI	PLIED ELECTR ISITE: SENIO	ONICS FOI IR OR GRA	R SCIENTI DUATE STA	ISTS.	IN AN	IV OF	THE P	HYSICAL	
	SC IENCES	S OR ENGINEE								
	15554	OR 1 UNIT		11	TU		115	E C		MALMSTADT
	15561 15579	L AB LAB	A B	1-530 1-530	W	TH	75 75	E C		
	15586	LAB	c	1-530	TU	• • • •	75	E C		
CHEM		GANIC CHEMIS		124 02 0		104 11				
	3 HOURS	ISITE: CHEM. OR 3/4 UNIT	131 AND	134 UK (	HEM.	130 AN	191	•		
	15593	LECT		11	M W	F	116	E C		RINEHART
CHEM		GANIC CHEMIS ISITE: CREDI		ISTRATION	IN C	нем. з	36.			
	2 HOURS	OR 1/2 UNIT								WART ***
	15604	QUIZ LAB		1 2-4	TU		161 250	N L		MARTIN
				1-4		тн	250	N L		
CHEM	338 SEF	PARATION, PU	RIFICATI	ON AND IL	) EN I I F	ICATIO	IN OF	URGAN	10	
	PREREQUI	ISITE: CHEM. OR 1 UNIT	336 AND	337.						
	15611	QUIZ		1	M W		195	N L		COATES
		LAB		2-5	M W		218	N L		
CHEM	340 PRI	INCIPLES OF	BUVETCAL	CHEMISTO						
CHEM	NOT OPEN	N TO STUDENT	S IN THE	SPECIALI	ZED C	JRRICU	LA IN	CHEM	ISTRY	
	OR CHEMI PREREQUI	ICAL ENGINEE ISITE: CHEM.	RING. 122 AND	131, OR	EQUI V	ALENT:	PHYC	S. 10	2;	
	MATH. 13	O DR EQUIVA							- '	
	15629	OR 1 UNIT		11	MTUW	ТН	217	N L		WETMUR
CHEM	341 ELE	MENTARY PHY	SICAL CH	EMISTRY L	ABORA	TORY.				
	OF A LEG	SITE: REGIS TURE COURSE	IN PHYS	IN CHEM. ICAL CHEM	340 OI ISTRY	R CRED	IT FO	R ONE	SEMESTER	
	1 HOUR (	DR 1/4 UNIT	8	1-4	TU		24	N L		CRAIG
	15643	LAB	c	1-4	W		24	NL		CRAIG
CHEM	342 PH)	SICAL CHEMI	STRY.	1 122 0	D 5011	T.V. 4.1. E.A.	T. DU	vc c	1.04	
	107, AND	ISITE: CHEM. 108, OR TW ATION IN THE	O SEMESTI	ERS OF GE	NERAL	PHYSI	CS WI	TH CO	NCURR ENT	
	REGISTRA	ATION IN THE	THIRD SE	MESTER;	CREDI	T OR R	EGIST	RATIO	V IN MATH.	
	3 HOURS	OR 3/4 UNIT								
		S SHOULD NOT IN CHEM. 344		IN CHEM.	342 WI	10 00	NOT I	NTEND	10	
		LECT		10	M W	F	112	C A		
CHEM	344 PHY	YSICAL CHEMI	STRY.							
CHEM	PREREQUI	YSICAL CHEMI ISITE: CHEM. OR 3/4 UNIT LECT	342.	10	мы	F	161	N L		LOMBARDI

ADVANCED PHYSICAL CHEMISTRY. CHEM 348 PREREQUISITE: CHEM. 344 OR EQUIVALENT. 4 HOURS OR 1 UNIT 112 C A 15675 LECT M W F FI YGARE CHEM 349 ADVANCED PHYSICAL CHEMISTRY. PREREQUISITE: CHEM. 348. 4 HOURS OR 1 UNIT M W F 19S N L BELFORD CHEM 383 DYNAMICS, STRUCTURE AND PHYSICAL METHODS. TO BE TAKEN CONCURRENTLY WITH CHEM. 342.
PREREQUISITE: CHEM. 136 AND 181 AND CREDIT OR REGISTRATION IN PHYCS. 108 AND MATH. 142. 2 HOURS OR 1/2 UNIT STUDENTS MUST REGISTER FOR ONE LAB-QUIZ COMBINATION. 15690 LAB A1 8-12 TU A 10 174 E C QUIZ 162 BROWN N L 15701 B 1 8-12 174 E C LAB TH TU F QUI Z В 10 162 10 NL TU S C 1 15718 LAB 174 B D1 162 10 10 8-12 NL 15725 LAB ТН 174 E C 162 N L 10 A 5 CHEMICAL FUNDAMENTALS.
TO BE TAKEN CONCURRENTLY WITH CHEM. 344.
PREREQUISITE: CHEM. 342 AND 383.
4 HOURS OR 1 UNIT CHEM 385 STUDENTS MUST REGISTER IN ONE QUIZ-LAB COMBINATION. 15732 YARDLEY 161 LAB Α 1-5 124 15740 QUIZ В 103 1-5 TU TH 124 LAB В QUIZ 15757 C 161 LAB 8-12 TU TH 124 PREREQUISITE: CHEM. 342 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT CHEM 392 15764 LECT 9 TU TH S 111 N L PAUL APPLIED X-RAY LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 392 OR CHEM 394 CONSENT OF INSTRUCTOR. 2 TO 4 HOURS, OR 1/4 TO 1 UNIT 15771 LAB ARR PAHI ATOMIC PHYSICS. SAME AS PHYCS. 381. CHEM 396 PREREQUISITE: GENERAL PHYSICS AND MATH. 343 OR 345. \*CREDIT NOT ALLOWED FOR CHEM. 396 OR PHYCS. 381 IN ADDITION TO PHYCS. 386. \*4 HOURS OR 1 UNIT 15789 LECT 10 M W F 158 P B 7 RADIOCHEMISTRY. SAME AS NUC. E. 397. PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER CHEM 397 OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT LFCT 15796 10 TU TH S 161 N L HUMMEL CHEM 398 RADIOCHEMISTRY LABORATORY. SAME AS NUC. E. 398.
PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER

11 S 111 N L 1-4 TU 20 N L

HUMMEL HUMM EL

OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT

1.1

15807 DISC

LAB

# COURSES FOR GRADUATES

CHEM	405 INO	RGANIC CHEMI			A.IORT	NG IN	INORGA	NIC CH	EMISTRY.	
	1/4 UNIT									
	15814	LECT-DISC		4	10	ì	112	C A		BAILAR
CHEM	406 PHY	SICAL INDRGA	NIC CHE	MISTRY.						
0	PREREQUI	SITE: CHEM.	315, AN	D 344.						
	1 UNIT	LECT-DISC		1	14	W F	161	N L		DRAGO
CHEM	407 SPE	CIAL TOPICS	IN INOR	GANIC CH	EMIST	RY.				
	PREREQUI *STUDENT	SITE: CHEM. S MAY REPEAT	406 OR THIS C	CONSENT OURSE FO	OF IN	STRUCT	OR.			
	*1/2 TO	1 UNIT					017			054***
	15839	LECT		10	M	W F	217	N L		BEATTIE
CHEM	421 SPE	CTROCHEMICAL	METHOD	S OF ANA	1 75 15					
CITEIN	PREREQUI	SITE: GENERA	L PHYSI				UIVALE	NT TO	A MAJOR	
	1 1461TT	CHELORS DEGR								
	15846	LECT LAB LAB LAB LAB		9	TU	TH	193	E C		MALMSTADT
	15853 15861	LAB	В	1-530	M TU		37	E C		
	15878	LAB	C	1-530		W	37	E C		
	15885	LAB	D	1-530		111	31	EC		
CHEM	424 QUA	NITATIVE AN	IALYSIS.							
011211	PREREQUI	SITE: GRADUA			CHEMI	STRY.				
	1/2 UNIT 15892	LECT	х	10	TU	TH	193	E C		LAITINEN
CHEM	425 ANA									
	REQUIRED CHEMISTR	OF ALL GRAD	UATE ST	UDENTS W	HOS E	MAJOR	IS ANA	LYTICA	L	
	1/4 UNIT					_				
	15903	LECT-DISC		3		۲	171	E C		LAITINEN
CHEM	429 ELE	CTRON MICROS	COPY WI	TH LABOR	ATORY					
077271	SAM	E AS BIOL. 4	29.							
	PREREQUI	QUALIFIED GR SITE: TWO SE	MESTERS	OF GENE	RAL P	LL DEP	ARTMEN	SEMEST	ERS OF	
	COLLEGE	MATHEMATICS. OF INSTRUCTO	AND TH	REE SEME	STERS	OF CH	EMISTR	Y, AND		
	1 UNIT									
	15911	LECT LAB-DISC LAB		4	М	WF		BEV H		HALL
		LAB	А	RR			97	BEV H	ALL	,
CHEM	PREREQUI	ANIC CHEMIST SITE: CHEM.		336 AND	ONE Y	EAR OF	PHYSI	CAL CH	EMISTRY.	
	1 UNIT									
	15928	LECT		11	М	W F	161	N L		APPLEQUIST
CHEM	434 ADV	ANCED ORGANI	CSYNTH	ESTS						
CITCII	1/4 TO 1	UNIT								
	15935	LAB	Д	RR			218	N L		MARTIN
CHEM	435 ORG	ANTO CHEMICT	DV CENT	ALA D						
CHEM	PREREQUI	SITE: CONSEN	IT OF IN	STRUCTOR						
	1/2 UNIT	LECT-DISC		4	М	TH	116	F.C		LEONARD
							-10			
CHEM	441 CHE	MICAL THERMO	DYNAMIC	S .						
	PREREQUI 1 UNIT	SITE: CHEM.	342 AND	344 OR	EQUIV	ALENT.				
	15950	LECT		10	М	W F	115	E C		MARCUS

5 PHYSICAL CHEMISTRY SEMINAR. REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS PHYSICAL CHEM 445 CHEMISTRY. PREREQUISITE: CONSENT OF INSTRUCTOR. 193 F C

1/4 OR 1/2 UNIT

15967

W

SECREST

CHEM

6 MOLECULAR QUANTUM MECHANICS. PREREQUISITE: REGISTRATION IN CHEM. 349 OR CONSENT OF INSTRUCTOR. 1 UNIT

15974 LECT

11 M W F 199 F C

CHEM SPECIAL TOPICS IN CHEMISTRY.

PREREQUISITE: CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT. 1/4 TO 4 UNITS

15981 CONF

STAFF

ADVANCED ELECTRON MICROSCOPY. CHEM

ASVANCE AS BIOL. 493.
OPEN THE OF THE OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: CREDIT IN BIOL./CHEM. 429 AND CONSENT OF INSTRUCTOR.

1/4 TO 1/2 UNIT

15999 LAB-DISC

HAII

CHEMICAL BASIS OF BIOLOGICAL SPECIFICITY.

SAME AS BIOCH. 494.

PREREQUISITE: CHEM. 344, 346, 350 OR 450 AND MCBIO. 330 OR CHEM 494

CONSENT OF INSTRUCTOR.

3/4 UNIT

LECT 16001

1.1

TU TH S 101 F C

GUNSALUS

CHEM 499 THESIS R THESIS RESEARCH.

16019 CONF

ARR

STAFE

# BIOCHEMISTRY

# COURSES FOR UNDERGRADUATES

UNDERGRADUATE OPEN SEMINAR. BINCH 199

\*MAY BE REPEATED.

\*0 TO 9 HOURS

SECTION A TOPIC: DRUG USAGE: BIOLOGY AND SOCIAL POLICY, 1 HOUR. SECTION A IS OFFERED CONCURRENTLY WITH SECTION A PSYCHOLOGY 199.

CONF Δ TU 100 N L MC CLURE, KURKE

# COURSES FOR ADVANCED UNDERGRADUATES

BIOCH 290

THESIS.

PERREAGUISITE: BIOCH. 350 AND 355. EACH STUDENT WHO DESIRES TO DO THESIS RESEARCH MUST RECEIVE WRITTEN PERMISSION FROM A MEMBER OF THE BIOCHEMISTRY FACULTY. ACCORDINGLY, PROSPECTIVE STUDENTS ARE ENCOURAGED TO CONTACT THE BIOCHEMISTRY STAFF IN THE SEMESTER PRIOR TO REGISTRATION IN THIS COURSE. REGISTRATION FOR A TOTAL OF 10 HOURS OVER 2 SEMESTERS IS EXPECTED.

\*\*IN ORDER TO RECEIVE CREDIT A THESIS MUST BE PRESENTED BY EACH STUDENT REGISTERED IN BIOCH. 290.

\*4 TO 6 HOURS 16033 CONF

ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

B10CH 350 GENERAL BIOCHEMISTRY.

PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR

136 OR EQUIVALENT.

3 HOURS OR 3/4 UNIT LECT

TU TH S 116 E C

WOOD

вілсн	354 IN	TRODUCTION	то віос	HEMISTRY.				
				ICINE, NUT	RITION, DIA	LELICZ	AND OTHER	
		IONAL STIDE		= ANALYTIC	AL CHEMISTRY	AND	CHEM 131	
					URSE IN GENE			
		OR ZOOLOGY,		ENT OF IN	STRUCTOR.			
		OR 1 UNIT		8	M W E	216	F C	STAFF
	16058	LECT LAB		8 9=12	TU TH	219	N I	STAFF
		LAU		, 12	70 111	-17		
BIOCH		OCHEMISTRY			AL CHEMISTRY	AND	CHEM. 131 DR	
					BIOCH. 350.	AITE	0110110 232 011	
		OR 1 UNIT						
	16065	QUIZ	A	8	S 4 W F	217		
		LAB-DISC LAB	A	1 2 -4	M W	217		
		LAD	Ā	2	F	219		
	16072	QUIZ	В	F	S	217		
		LAB-DISC		1	TU TH	217		
		LAB	B B	2-4	S TU TH	217		
		LAU	8	11	S			
				TID CE C E OD	GRADUATES			
				JONSES FUR	GRADOATES			
0.10.611		0.50	T.C		C			
BIOCH		PERIMENTAL ISITE: BIOC			CHEMIZIKA.			
	3/4 OR		330 .					
	16080	DISC		1		115		DUS
		LAB		2-5	TU TH	315	N L	
BIOCH		OCHEMISTRY						
					MAJOR IS BI		ISTRY.	
	1/2 UNI		H. 330 1	INU 333, U	K EQUIVALENI	•		
		LECT-DISC	Δ	2	F	115	E C	STAFF
	16108	LECT-DISC		ARR				
віосн	494 CH	EMICAL BASI	S OF BIG	DEOGICAL S	PECIFICITY.			
		ME AS CHEM.						
				346, 350 0	R 450 AND MC	BIO.	330 DR	
	3/4 UNI	OF INSTRUC	IUK .					
		LECT		11	TU TH S	101	E C	GUNSALUS
BIOCH	499 TH	ESIS RESEAR	CH-					
210011	0 TO 4		0110					
	16122	CONF		ARR				STAFF

## CHEMICAL ENGINEERING

### COURSES FOR UNDERGRADUATES

199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS 16130 CONF ARR CH E 199

STAFF

## COURSES FOR ADVANCED UNDERGRADUATES

CHE 261 STOICHIOMETRY. PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 136 OR 342. 3 HOURS

16147 LECT-DISC

HUDSON

SCHMITZ

HUDSON

CH E 290

O THESIS. LIMITED IN GENERAL TO SENIORS IN THE CHEMICAL ENGINEERING CURRICULUM. ANY OTHERS MUST HAVE THE CONSENT OF THE HEAD OF THE DEPARTMENT.

\*EACH STUDENT MUST REGISTER IN A MINIMUM OF FIVE HOURS EITHER IN ONE SEMESTER OR DIVIDED OVER TWO SEMESTERS. A MAXIMUM REGISTRATION OF TEN HOURS IN TWO SEMESTERS IS PERMITTED. HOWEVER, CH. E. 379 TWO HOURS, MAY BE SUBSTITUTED FOR TWO OF THE FIVE HOURS REQUIRED IN CH. E. 290. IN ORDER TO RECEIVE CREDIT, A THESIS MUST BE PRESENTED BY EACH STUDENT REGISTERED IN CH. E. 290.

\*2 TO 6 HOURS

16154 CONF STAFF

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INTRODUCTION TO PROCESS CONTROL. CH E 367

PREREQUISITE: MATH. 345 OR 343, CH. E. 371. 3 HOURS OR 3/4 UNIT

16161 LECT

11 TU TH 199 E C 199 E C LAB

O CHEMICAL ENGINEERING THERMODYNAMICS.
PREREQUISITE: CH. E. 261, CHEM. 342.
3 HOURS OR 1/2 UNIT

16179 LECT 11 M W F 115 F C ECKERT

PRINCIPLES OF CHEMICAL ENGINEERING. CH E 373

PREREQUISITE: CH. E. 371. 4 HOURS OR 1 UNIT

16186 LECT 115 E C 9 M WTH ALKIRE 115 E C QUIZ

UNIT OPERATIONS LABORATORY.

PREREQUISITE: CREDIT OR REGISTRATION IN CH. E. 373.

3 HOURS OR 1/2 UNIT

\*ONE HOUR TO BE ARRANGED.

16193 QUIZ B ARR 8 F C

\*1-6 LAB В ARR 16204 QUIZ

C \*1-6 TH LAB C 8 F C

CHF

379 CHEMICAL ENGINEERING PROJECTS.
PREREQUISITE: SENIOR STANDING IN CHEMISTRY OR CHEMICAL ENGINEERING.

2 HOURS OR 1/2 UNIT 16236

294 E C 1-6

HEAT, MASS, AND MOMENTUM TRANSPORT.

PREREQUISITE: MATH. 343 OR 345, CH. E. 371, OR CONSENT OF

INSTRUCTOR.
3 HOURS OR 3/4 UNIT

LECT 16243 3.3 M W F 101 F C HANRATTY

CH E 382 THE PREDICTION OF PHYSICAL PROPERTIES.
PREREQUISITE: ONE YEAR OF PHYSICAL CHEMISTRY
2 HOURS OR 1/2 UNIT

## COURSES FOR GRADUATES

CHEMICAL ENGINEERING SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS CHEMICAL CH E 465 ENGINEER ING. PREREQUISITE: CH. E. 373. 1/4 UNIT 16268 LECT-DISC TU 116 E C WESTWATER 6 APPLIED MATHEMATICS IN CHEMICAL ENGINEERING. PREREQUISITE: CONSENT OF INSTRUCTOR. CH E 466 3/4 OR 1 UNIT 16275 LECT TU TH 115 E C SCHMIT7 CH E 469 SPECIAL TOPICS IN CHEMICAL ENGINEERING. PREREQUISITE: CH. E. 464. \*THIS COURSE MAY BE REPEATED. \*3/4 OR 1 UNIT 16282 LECT 9 TU TH 101 E C QUINN CH E 499 THESIS RESEARCH.
0 TO 4 UNITS INSTRUCTORS: ALKIRE, DRICKAMER, ECKERT, HANRATTY, HUDSON, QUINN, SANI, SCHMITZ, WESTWATER. 6290 CONF ARR 16290 STAFF CHINESE

	DE	PARTMENT OFFICE		201,	1208 W. CALIFORNIA	
		COURSES	FOR ADVANCE	ED UNDERGRADI	JATES	
CHIN	ALL STU WEEKLY		ED TO REGIST			
	16318	LECT-DISC A LECT-DISC B LECT-DISC C		MTUWTHE	94 COM W 207A H G 250 ARMORY	CHANG
CHIN	PREREQU 5 HOURS	TERMEDIATE CHINE JISITE: CHIN. 202 S LECT-DISC	OR EQUIVALE		332 ARMORY	MACDONALD
CHIN	NO KNOW 3 HOURS	RADITIONAL CHINES: NLEDGE OF CHINESE LECT-DISC	REQUIRED.	M W F		MACDONALD

£

10 HOURS OR 2 UNITS 6357 LECT-DISC 16357 2-4 MTUWTHE 1438 M E B CHANG CHIN 303 ADVANCED CHINESE, I. PREREQUISITE: CHIN. 204 DR 302. 5 HOURS OR 1 UNIT 9 MWF 405 M H 16364 LECT-DISC WOLFF, CHAN ADVANCED READINGS IN MODERN CHINESE, I. PREREQUISITE: CHIN. 304 OR EQUIVALENT.
3 HOURS OR 1 UNIT 16371 LECT-DISC

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CHIN 301 INTENSIVE CHINESE, I.

INTRODUCTION TO LITERARY CHINESE CHIN 307 PREREQUISITE: CHIN. 306.
3 HOURS OR 1 UNIT M W F 94 COM W FIDE 16389 LECT-DISC 1.1 READINGS IN CHINESE AND JAPANESE BUDDHIST TEXTS. CHIN 320 SAME AS JAPAN. 320
PREREQUISITE: JAPAN. 306 OR CHIN. 306, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 16396 LECT-DISC 1-230 TU TH 148 ARMORY UNNO CIVIL ENGINEERING DEPARTMENT DEFICE 203 E H COURSES FOR UNDERGRADUATES CE INTRODUCTION TO CIVIL ENGINEERING. PREREQUISITE: SOPHOMORE STANDING IN CIVIL ENGINEERING. 1 HOUR 16407 H1 421 CONF H2 324 EH 16414 16421 CONF Н3 420 F CONF 4 324 EН 16439 H4 CONF H5 4 W 421 E 16446 CONF 16453 Н6 4 420 Е W CONF P1 TU 421 ۶ 11 16461 P2 324 E 16478 11 TH CONF 16485 Р3 423 FH 1.1 Till CONF P4 16492 11 TH 421 F H 16503 CONF P5 11 TH 324 F H 16511 CONF P6 11 TH 423 E H COURSES FOR ADVANCED UNDERGRADUATES GENERAL SURVEYING.
FOR STUDENTS IN OTHER DEPARTMENTS.
PREREQUISITE: G. E. 101, MATH. 114 OR EQUIVALENT.
\*NO CREDIT FOR CIVIL ENGINEERING STUDENTS. CE 200 \*3 HOURS

16528 LAB-DISC 1-4 309 E H ENGINEERING SURVEYING. CE PREREQUISITE: CREDIT OR REGISTRATION IN BOTH C. S. 101 AND MATH. 263. 4 HOURS STUDENTS SHOULD REGISTER FOR THE LECTURE PLUS ONE LAB-DISC PERIOD. 100 M M B LECT M W F 16535 3 LAB-DISC 8-11 16542 L1 104 WOCDSHOP S1 16550 LAB-DISC 2-5 104 WOOD SHOP TU LAB-DISC 104 16567 TH WOODSHOP

C E 202 THEORY OF MEASUREMENT.

PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS

16574 LECT E 1 TU TH 212 WOODSHOP LAB-DISC E 2-5 TH 212 WOODSHOP

16581 LECT F 2 M W 212 WOODSHOP LAB-DISC F 2-5 F 212 WOODSHOP

C E 205 CONSTRUCTION AND ROUTE SURVEYING.

PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.

3 HOURS
16599 LECT E 11 TU TH 1

LECT E 11 TU TH 104 WOODSHOP LAB-DISC E 8-11 TH 104 WOODSHOP

CE	214 PR	OPERTIES AND	BEHAVIO	R OF CON	CRETE.			
	PREREQU	ISITE: T. A.	. M. 223	DR 224 A	ND JUNIOR S	LANDING	IN	
	2 HOURS	KING UK AFCI	AT TECTORE	•				
		N EP IS AN	HONORS SE	CTION.				
	16600	LECT-DISC	L	8	TH TU	1215	CEB	
	16624	LAB LECT-DISC	*&P	8-10	TU	1215	CEB	
		LECT-DISC LAB LECT-DISC LAB	*&P	11 10-12	TH	1215		
	16617	LECT-DISC	R	1 1-3	TU	1215	CEB	
		LAB	R	1-3	TH	1215	CEB	
CE		NSTRUCTION 6						
		ISITE: C. E.	292, AN	D CREDIT	OR REGISTRA	AT ION	IN C.S	. 101 AND
	AND C. I	E . 293.						
	16631	LECT-DISC LECT-DISC	A	8	M W E	320	EΗ	
	16649	LECT-DISC	Ε	1	M W F	421	ЕН	
CE	220 MA	TERIALS FOR	TRANSPOR	TATION F	ACILITIES.			
	PREREQU	ISITE: C. E.	210, AN	D CREDIT	OR REGISTR	NCITA	N C . 1	214.
	3 HOURS	LECT DISC	0	1.1	4 W F	200	T L	
	16656 16663	LECT-DISC LECT-DISC	F	11	M w F	200	TI	
				-		200		
	221	ALVEIC ALE	DECTON OF	0.0400				
CE	221 AN	ALYSIS AND E	210. AN	CREDIT	OR REGISTR	TION I	N C . I	. 214.
	3 HOURS	13116. 0. 6.	2107 41	U CKLUIT	UN NEG131K	4 1 2 0 14 1		
	16671	LECT-DISC LECT-DISC	В	9	M W F	200	TL	
	16688	LECT-DISC	44	930-11	TU TH	200	TL	
CE	230 IN	TRODUCTION T	TO TRANSP	DRTATION	ENGINEERING	7 0		
	PREREQU	ISITE: JUNIO G. OR CONSEN	OR STANDI	NG IN EN	GINEER ING . A	RCHITE	CTURE	OR CITY
	3 HOURS	, OR CONSE	IT OF INS	TRUCTOR.				
	16695	LECT-DISC	A	8	M W F	423	ЕН	
	16706	LECT-DISC	8	9	MWF	320	E H	
CE	231 IN	TRODUCTION 1	TRANSPI	ORTATION	SYSTEMS.			
	PREREQU	ISITE: C. S.	101, MA	TH. 263,	C. E. 215	ND 230	; OR (	CONSENT
	OF INSTI	RUCTOR.						
	3 HOURS	FCT-DISC	F	1	M W F	423	FH	
	16721	LECT-DISC	LM	8-920	TU TH	423 423	EH	
CE	241 WA1	TER QUALITY	AND WATER	POLITIE	ION			
C L	PREREQU!	ISITE: T. A.	M. 235.		10148			
	3 HOURS							
	16738	LECT-DISC LECT-DISC	A	8	M W F	420 421	EH	
	10745	LECT-013C	U	11	и м г	421	EH	
CE	255 IN	TRODUCTION 1	O HYDROS	YSTEMS E	NGINEERING.			
	REGISTR	ISITE: T. A. ATION IN C.	F. 292 M	NU 583 UI	R FOLITY ALENI	KEDII.	UK	
	3 HOURS							
	16752 16760	LECT-DISC	В	9	M W F	324	E H	
	16760	LECT-DISC	C	10	M M F	419	E H	
CE	261 FU!	NDAMENTALS C	F STRUCT	JRAL ENG	INEERING.			
	PR ER EQUI	ISITE: T. A.	M. 221.					
		N EF IS AN H	INNORS SEI	CTION.				
	16777	LECT-DISC LECT-DISC LECT-DISC	C	10	M W F		E H	
	10104	LECT-DISC	E	1	MWF	419		
	16802 16791	LECT-DISC	1.44	8-920	1.1 M. 1.	423	EH	
	10.71	220, 0130	_ ,	0 720	10 111	721		
CE	262 STF	RUCTURAL THE	ORY, II.					
	3 HOURS							
	16810	LECT-DISC LECT-DISC	D	11	M W F	423		
	16827	LECT-DISC	LM	8-920	TU TH	324	EH	

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263 BEHAVIOR AND DESIGN OF METAL STRUCTURES, I.
CE
          PREREQUISITE: T. A. M. 224 AND C. E. 261, OR CONSENT OF INSTRUCTOR.
           3 HOURS
                                                                     421 E H
423 E H
         16834 LECT-DISC A
16841 LECT-DISC C
                                                        M W F
                                         10
         16841
C E 264 REINFORCED CONCRETE DESIGN, 1.

PREREQUISITE: C. E. 214, C. E. 261, T. A. M. 224.
           *NOTE: THREE TWO-HOUR DEMONSTRATION LABORATORIES TO BE ARRANGED.
         16859 LECT-DISC B 9 M W F 423 E H
16866 LECT-DISC G 3 M W F 420 E H
16873 LECT-DISC ST 230-4 TU TH 421 E H
               FOUNDATION ENGINEERING.
CE
           PREREQUISITE: T. A. M. 221.
           3 HOURS
        16881 LECT-DISC A 8 M W F
16898 LECT-DISC C 10 M W F
16916 LECT-DISC & 1 M W F
16909 LECT-DISC MN 930-11 TU TH
                                                                     8222 C E B
8222 C E B
8222 C E B
8222 C E B
C E 284 FOUNDATION ENGINEERING.
          PREREQUISITE: C. E. 210.
           3 HOURS
        16923 LECT-DISC C 10 M W F
16931 LECT-DISC F 2 M W F
16948 LECT-DISC MN 930-11 TU TH
                                                                      200 T L
                                                                      421 E H
421 E H
C E 290 CONTRACTS AND SPECIFICATIONS.
           SAME AS G. E. 290.

PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE.

*CREDIT IS NOT GIVEN FOR C. E. 290 IN ADDITION TO G. E. 292
           *2 HOURS
                     LECT-DISC P 11
LECT-DISC T 3
        16955
                                                          TU TH
                                                                    305 E H
                                                         TU TH
        16962
CF
       292 DESIGN AND PLANNING OF CIVIL ENGINEERING SYSTEMS.
           PREREQUISITE: INTEGRAL CALCULUS.
           3 HOURS
        16970
                                                                       419 E H
305 E H
322 E H
320 E H
                      LECT-DISC A
                                                         M W F
                 LECT-DISC E
LECT-DISC F
LECT-DISC ST
                                                         M W F
        16987
                                               1
        16994
                                                         М
                                                             W
                                                                E
        17007
                                            230-4
                                                           TU TH
                                                                      320
       293 STOCHASTIC CONCEPTS IN CIVIL ENGINEERING.
           PREREQUISITE: INTEGRAL CALCULUS.
           3 HOURS
        17014
                     LECT-DISC A 8 M W F
LECT-DISC C 10 M W F
LECT-DISC G 3 M W F
LECT-DISC RS 1-220 TU TH
                                                                      322 E H
421 E H
305 E H
421 E H
        17021
        17039
17046
CE
                PROFESSIONAL PRACTICE.
          PREREQUISITE: JUNIOR STANDING.
          O CREDIT
        17053
                     LECT
                                                            W
                                                                     151 E E B
                SPECIAL PROBLEMS
CF
          PREREQUISITE: SENIOR STANDING.
           1 TO 4 HOURS
           SECTION O: OTHERS.
        17061 LECT-DISC 01
17078 LECT-DISC 02
                                                                                                STAFF
                                          ARR
                                                                                                STAFF
                         COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
               FUNDAMENTALS OF ANALYTICAL PHOTOGRAMMETRY.
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C E 304 FUNDAMENTALS OF ANALYTICAL PHOTOGRAMMETRY.

PREREQUISITE: C. E. 203 AND 306 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT

17085 LECT-DISC C 10 M W F 212 WOODSHOP

6 ADJUSTMENT OF OBSERVATIONS.
PREREQUISITE: MATH. 315 AND C. E. 202 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
7092 LECT-DISC A 8 M W F 212 WOODSHOP C E 306 CE PHOTOGRAMMETRIC ENGINEERING. PREREQUISITE: C. E. 203 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT 17103 LECT-DISC LM 8-10 TU TH S 212 WOODSHOP FUNDAMENTALS OF SYSTEMS APPROACH.

PREREQUISITE: C.E. 215, MATH. 263, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

111 LECT-DISC G 3 M W F 421 E H 17111 CONSTRUCTION PRODUCTIVITY.

PREREQUISITE: C. E. 215, CREDIT OR REGISTRATION IN MATH. 263, OR
EQUIVALENT, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OP 1 UNIT

128 LECT-DISC D 11 M W F 420 E H C E 315 CE CONSTRUCTION PLANNING. PREREQUISITE: C. E. 315, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 7135 LECT-DISC ST 230-4 TU TH 42 17135 C F CONSTRUCTION COST ANALYSES AND ESTIMATES. PREREQUISITE: C. E. 315, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 17142 LECT-DISC RS 1-220 TU TH 419 F H BITUMINOUS MATERIALS AND MIX DESIGN.
PREREQUISITE: C. E. 214, C. E. 220, OR CONSENT OF INSTRUCTOR. CE 2 HOURS OR 1/2 UNIT 17150 LECT-DISC E 200 T L 201 T L LAB 1-3 DEVELOPMENT OF HIGHWAY FACILITIES.

PREREQUISITE: C. E. 220, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT C E 322 17167 LECT-DISC B 9 M W 421 E H I AB 8 25 HIGHWAY TRAFFIC CHARACTERISTICS.
PREREQUISITE: C. E. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT
171.74 LECT-DISC D 11 M W F 3 C E 325 M W F 322 E H URBAN AND REGIONAL TRANSPORTATION.
PREREQUISITE: SENIOR OR GRADUATE STANDING, CONSENT OF C E 333 INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 181 LECT-DISC G 3 M W F 423 E H RAILWAY CONSTRUCTION AND MAINTENANCE.
PREREQUISITE: SENIOR STANDING, OR CONSENT OF INSTRUCTOR, CREDIT OR
REGISTRATION IN C. E. 230 FOR THOSE WITH A MINOR IN RAILROAD OR
TRANSPORTATION ENGINEERING. CF 3 HOURS, OR 1/2 OR 1 UNIT 7199 LECT-DISC E M W F 17199 322 E H 7 SIGNALS.

PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR, CREDIT OR REGISTRATION IN C. E. 230 FOR THOSE WITH A MINOR IN RAILROAD OR TRANSPORTATION ENGINEERING.
2 HOURS, OR 1/2 OR 1 UNIT
7200 LECT-DISC P 11 TU TH 320 E H 17200 C E 345 ENVIRONMENTAL HEALTH ENGINEERING.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT
217 LECT-DISC D 11 M W F 419 E H 17217

BIOLOGY OF POLLUTED WATER. C F PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT LECT-DISC NP 10-12 FU TH 420 E H 17224 51 HYDROMECHANICS.

PREREQUISITE: T. A. M. 235 AND C. E. 251.
3 HOURS OR 3/4 UNIT
17231 LECT-DISC G 3 M W CE M W F 320 E H CE WATER RESOURCES DESIGN. PREREQUISITE: T. A. M. 235, C. E. 250.
3 HOURS OR 3/4 UNIT 10 LECT-DISC C 320 E H ADVANCED STRUCTURAL ANALYSIS.
PREREQUISITE: C. E. 262 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT CE 361 17256 LECT-DISC F 17263 LECT-DISC MN M W F 419 E H TU TH 320 E H 2 930-11 BEHAVIOR AND DESIGN OF METAL STRUCTURES, II.

PREREQUISITE: C. E. 263 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT CE 8-920 TU TH 17271 LECT-DISC LM 320 E H 4 REINFORCED CONCRETE DESIGN, II.
PREREQUISITE: C. E. 264, CREDIT OR REGISTRATION IN C. E. 262.
3 HOURS, OR 3/4 OR 1 UNIT
7288 LECT-DISC D 11 M W F 320 E H CE 17288 CF BEHAVIOR OF REINFORCED CONCRETE MEMBERS. PREREQUISITE: FOR UNDERGRADUATES, SENIOR STANDING AND C. E. 264; FOR GRADUATES, B. S. DEGREE IN CIVIL ENGINEERING OR ARCHITECTURE WITH COURSES IN STRUCTURES AND REINFORCED CONCRETE DESIGN. 4 HOURS OR 1 UNIT NOTE: ALTHOUGH OPEN TO ADVANCED UNDERGRADUATES, THIS COURSE SHOULD BE TAKEN BY SUCH STUDENTS ONLY AFTER CONSULTATION WITH THE INSTRUCTOR. LECT-DISC C 10 17295 M W F 305 E H C E 368 PRESTRESSED CONCRETE. PREREQUISITE: C. E. 262, 264.
3 HOURS, OR 3/4 OR 1 UNIT
7306 LECT-DISC A 8 M W F 305 E H 17306 BEHAVIOR AND DESIGN OF WOOD STRUCTURES. C F PREREQUISITE: C. E. 261 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT

7313 LECT-DISC B 9 M W F 322 E H INTRODUCTION TO STRUCTURAL DYNAMICS.
PREREQUISITE: T. A. M. 212; MATH. 345; C. E. 261; OR EQUIVALENT.
\*\*CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311. C E \*3 HOURS, OR 3/4 OR 1 UNIT 321 LECT-DISC G 3 9 APPLIED STRUCTURAL MECHANICS.
PREREQUISITE: MATH. 345 AND ONE UNDERGRADUATE COURSE IN CE STATICALLY INDETERMINATE STRUCTURES; OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT

338 LECT-DISC D 11 M W F 305 E H 17338 CE 383 SOIL MECHANICS. PREREQUISITE: FOR UNDERGRADUATES: C. E. 210, SENIOR STANDING AND CONSENT OF INSTRUCTOR. GRADUATE PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT

99

1 M W F 230-4 TU TH 320 E H 419 E H

17345 LECT-DISC E 17352 LECT-DISC ST

APPLIED SOIL MECHANICS.

PREEEQUISITE: C. E. 383, OR CONSENT OF INSTRUCTOR.

3 HOURS, DR 3/4 OR 1 UNIT

17360 LECT-DISC E 1 M W F 32.

17377 LECT-DISC RS 1-220 TU TH 32. 324 E H 320 E H C E 385 ENGINEERING ASPECTS OF SURFICIAL SOILS.
PREREQUISITE: C. E. 210 OR CONSENT OF INSTRUCTOR.
FIELD TRIP; ESTIMATED EXPENSE, \$5.00. HOURS OR 1 UNIT LECT-DISC D 11 M W F B215 C E B 8-10 TH B215 C E B 17384 11 LAB C E 391 COMPUTER METHODS IN CIVIL ENGINEERING.
PREREQUISITE: C. S. 101 OR EQUIVALENT; SENIOR OR GRADUATE STANDING
IN CIVIL ENGINEERING; OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
17391 LECT-DISC B 9 M W F 419 E H COURSES FOR GRADUATES ANALOGUE PHOTOGRAMMETRY, I.

PREREQUISITE: C. E. 203 OR CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC B M W F 212 WOODSHOP KARARA 17402 C E 416 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, 1. SAME AS I. E. 416.

PREREQUISITE: B.S. IN C. E. OR I. E., CREDIT OR REGISTRATION IN MATH. 363, OR CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC LM 17410 8-920 TU TH 243 M E B 420 PAVEMENT DESIGN, I. CE PREREQUISITE: C. E. 220, DR EQUIVALENT. 1 UNIT 17427 LECT-DISC A MWF 324 E H FUNDAMENTAL PROPERTIES AND BEHAVIOR OF BITUMINOUS MIXTURES.
PREREQUISITE: C. E. 321 OR CONSENT OF INSTRUCTOR. CE 1 UNIT 17434 LECT-DISC LM 8-920 TU TH 200 T I HERRIN 6 TRAFFIC PLANNING.
PREREQUISITE: C. E. 325 OR EQUIVALENT. CE 1 UNIT LECT-DISC C 10 M W F 17441 322 E H BAERWALD RAILWAY CONSTRUCTION AND MAINTENANCE. PREREQUISITE: C. E. 335. 1 UNIT 17459 LECT-DISC S 2 TU TH 322 F H HAY THEORY OF WATER TREATMENT. CE PREREQUISITE: CHEM. 122, MCBIO. 101. 1 UNIT 8-10 TU TH 17466 LECT-DISC LM 420 F H FWING ANALYSIS AND TREATMENT OF WATER AND WASTE WATER. C. F PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 440. 1 UNIT 17473 LECT-DISC RU 1-5 TU TH 4206 C E B OCONNOR 445 WATER QUALITY AND POLLUTION. PREREQUISITE: C. E. 250, C. E. 251, AND MATH. 345. 1 UNIT 17481 1 ECT-DISC E 212 WOODSHOP DICK

С	E	448 CON PREREQUI	ITROL OF AIR	POLLUTION 360.	ł.						
		17498	LECT-DISC LAB	F	2 2-4	M W	F	4108 4108	C E	B B	STUKEL
С	Ε	PREREQUI	ANCED HYDRO	LOGIC ANAL	YSIS AND	DES!	IGN. INSENT	OF IN	ISTR	UCTOR.	
		1 UNIT 17509	LECT-DISC	В	9	M W	F	420	E F	ı	CHOW
С	Е	457 GRO PREREQUI 1 UNIT	OUND WATER. SITE: CONSE	NT OF INST	RUCTOR.						
		17516	LECT-DISC	F	2	M W	F	420	E F	1	CHOW
С	E		RIX FORMULA SITE: C.E.				YSIS.				
		17523	LECT-DISC			M W	F	305	ЕН		WRIGHT
С	Е	PREREQUI	UCTURAL DES SITE: B. S.	IGN IN MET IN ENGINE	ALS. ERING WI	TH CO	UR SE S	IN ST	FR UC	TURES.	
		1 UNIT 17531	LECT-DISC	Е	1	M W	۴	420	E H	1	GAYLORD
С	ε	470 STR PREREQUI 1 UNIT	UCTURAL SAF SITE: GRADU	ETY AND RE ATE STANDI	LIABILIT NG AND C	Y.	IT OF	INSTRU	JC TO	R.	
		17548	LECT-DISC	C 1	1	M W	F	324	ЕН	ı	ANG
С	Е	471 NUM 1 TO 2 U	ERICAL AND	APPROXI MAT	E METHOD	S OF	STRUC	TURAL	ANA	LYSIS.	EUBANK S
			LECT-DISC					303	C F		EUDANN 5
С	Ε	PREREQUI 1 TO 2 U	LYSIS AND D SITE: CONSE NITS	NT OF INST	RUCTOR.						
		17562	LECT-DISC	ST 23	0-4	TU 1	Ή.	324	Eh	1	SCHNOBRICH
С	Ε	474 DYN PREREQUI 1 TO 2 U	AMICS OF FR SITE: C. E. NITS	361, 374,	OR EQUI	VALER	IT.				
		17570	LECT-DISC	D 1	0	M W	F	324	E H	1	AMIN
С	E	475 BEH PREREQUI 1 UNIT	AVIOR OF ST SITE: GRADU	EEL STRUCT ATE STANDI	URES. NG IN C.	E. 0	R T.	A. M.			
			LECT-DISC	MN 93	0-11	TU 1	Н	322	E F	1	MUNSE
С	E	PREREQUI EQUIVALE	CRETE METHO SITE: C. E. NT, AND REG OF INSTRUCTO	379, A. A ISTRATION	. E. 326	OR T	. A.	M. 351	. OR		
			LECT-DISC	В	9	M W	F	305	ЕН		ANG-SCHNOBRICH
С	E	INSTRUCT	TH DAMS AND SITE: CREDI	RELATED P T OR REGIS	ROBLEMS. TRATION	IN C.	E . 3	84 OR	CON	SENT OF	
		1 UNIT 17605	LECT-DISC	F	2	M W	F	320	ЕН		PECK
С	Е	PR ER EQU I	ANCED SOIL SITE: C. E.	MECHANICS, 383.	I.						
		1 UNIT 17612	LECT-DISC LAB	RS RS ARR	1-220	TU T	Н	324	€ H		OL SON

CE	*COURSE *O OR 1 SECTION SECTION SECTION SECTION SECTION	IVIL AND SAME MAY BE REP L/4 UNIT N AG-ADVANC N G-SAMITAR N H-HIGHWAY N P-PHOTOGR N S-STRUCTU N W-HYDRAUL	CED SANI RY, SECT S AND TO RAMMETRY URES.	OR CREDIT.  TARY ENGIN ION HHIG RAFFIC.  AND GEODE	EERING. HWAY AND TR	AFFIC,		
	17620 17637	CONF	AG G	ARR 3-5	м	610	E H	DICK ENGELBRECHT
	17644	CONF	Н	4	M	322	EH	DANNER
	17651		P	3-5	TU	212	WOODSHOP	KARARA-WONG
	17669		S	4	TH	305	E H	GAYLORD 4
	17676	CONF	W	10-12	TU	419	E H	CHOW
	SECTION SECTION SECTION	UNITS N E: EARTHG N M: OCEAN NS 01, 02, A N R1: ROCK ON S: SOIL CONF CONF CONF CONF CONF CONF CONF	ENGINEE AND 03: MECHANI	RING. OTHERS. CS I.	TU TH M W F	200 B222	E H T L C E B E H	MURTHA MURTHA STAFF STAFF STAFF DERRE HENDRON
CE	0 TO 4			DEGREE, S ARR ARR	ECTION D IS	FOR P	H.D. DEGREE.	STAFF STAFF

## CLASSICS

DEPARTMENT OFFICE

361 L H

# SEE ALSO GREEK AND LATIN

# CLASSICAL CIVILIZATION

NOTE: THE FOLLOWING COURSES PRESUPPOSE NO KNOWLEDGE OF THE GREEK OR LATIN LANGUAGE AND ARE OPEN TO ALL STUDENTS. FOR OTHER COURSES IN THE AREA OF CLASSICAL CIVILIZATION SEE ARCH. 113, ART 301, 302 303, 304, 305, 306, AND 307. HIST. 181, 182, 381, 382, 383, AND 384, AND PHIL. 303, 309, AND 310.

# COURSES FOR UNDERGRADUATES

CLCIA	110 I 2 HOUR	NTRODUCTION 1	ro GRE	EK CULTURE.					
	17772	LECT-DISC	Α	11	TU	TH	238	ADMIN	ALLEN
CLCIV	111 M	YTHOLOGY OF (	GREECE	AND ROME.					
	1,7780	LECT	Α	11	TU	TH	223		MARBLESTONE
	17797	LECT	В		TU	TH	223	G H	MARBLESTON
CFCIA	112 G 2 HOUR	REEK DRÂMA IN	N ENGL	ISH TRANSLA	TION.				
	17808	LECT-DISC	Α	9	ŤU	TH	209	DKH	JACOBSON
	17815	LECT-DISC	В	3	TU	TH	209	DKH	

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GREEK LITERATURE IN TRANSLATION. PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

LECT-DISC M W F 430 ARMORY DITM

CLCIV 361 THE ARCHAEOLOGY OF GREECE.

PREREQUISITE: A COURSE IN ANCIENT HISTORY, ART, OR LANGUAGE, OR CONSENT OF THE INSTRUCTOR.
3 HOURS OR 1/2 UNIT

LECT-DISC 17830

#### COMMUNICATIONS

DEPARTMENT OFFICE

1207 W DREGON

THE GRADUATE PROGRAM LEADING TO THE DEGREE OF DOCTOR OF PHILOSOPHY IN COMMUNICATIONS IS ADMINISTERED BY AN INTERDISCIPLINARY COMMITTEE APPOINTED BY THE DEAN OF THE COLLEGE OF COMMUNICATIONS. STUDENTS SEEKING ADMISSION TO THIS PROGRAM SHOULD CONSULT JAMES W. CAREY, CHAIRMAN OF THE COMMITTEE.

OF THE COURSES OFFERED THIS SEMESTER, COMM. 471, 490, AND 499 ARE IN THE GENERAL CATEGORY, COMM. 307, 344, 444, 462, 468, 470, 473, 474, 477 AND 481 ARE IN GROUP A, AND COMM. 325, 370, 420, 424, 425 AND 456 ARE IN GROUP B.

#### COURSES FOR ADVANCED UNDERGRADUATES

217 HISTORY OF COMMUNICATIONS. COMM

SAME AS JOURN. 217.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.

3 HOURS

17847 LECT-DISC 9 215 G H ERICKSON 17854 LECT-DISC 3 TU 215 G H KNIGHTS 215

COMM 220 PROCESSES AND SYSTEMS OF COMMUNICATIONS.

SAME AS JOURN. 220.

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.

3 HOURS

\*SECTIONS B1 AND G1 ARE FOR ART-GRAPHIC DESIGN MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS B2 AND G2. STUDENTS IN THE

COLLEGE OF COMMUNICATIONS SEE JOURNALISM 220. 17861 10 М F

LECT-DISC \*B1 LECT-DISC \*B2 LECT-DISC \*G1 113 KREILING 17879 M W E 10 113 GH 17886 М 113 G H CAREY 17893 LECT-DISC #G2 113

COMM MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.

SAME AS JOURN. 231.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR

CONSENT OF THE COLLEGE.

3 HOURS

\*SECTIONS DI AND EL ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS DZ

AND E2.

17904 LECT-DISC \*D1 G H PETERSON 1.1 123 LECT-DISC \*D2 LECT-DISC \*E1 17911 М E 11 W 123 G H E 17929 1 М W 123 G H GUBACK LECT-DISC #E2 17936 3 123

COMM 241 LAW AND COMMUNICATIONS.

SAME AS JOURN. 241.

PREREQUISITE: PEGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.

3 HOURS

LECT-DISC M W F 215 G H COMM 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.

SAME AS JOURN. AND SOC. 251.

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR

CONSENT OF THE COLLEGE.

3 HOURS

17951 LECT-DISC C 10 M W F 215 G H GUBACK
17968 LECT-DISC G 1 M W F 215 G H KREILING

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

COMM 307 THE ART OF THE SCREEN: NARRATION.

SAME AS SPCH. 307.

PREREQUISITE: TRAINING IN CRITICAL APPROACHES TO LITERATURE, DRAMA,
ART, OR MUSIC, AND CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

17975 LECT-DISC 3 M M 430 ARMORY MUELLER
3-5 F 430 ARMORY

COMM 325 INTRODUCTION TO PSYCHOLINGUISTICS.

SAME AS LING. 325.

PREREQUISITE: AN INTRODUCTORY COURSE IN LINGUISTICS OR PSYCHOLOGY,
AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT
17982 LECT-DISC 2 M W F 327 G H

CCMM 351 ADVANCED SOCIAL PSYCHOLOGY.

SAME AS PSYCH. 351 AND SOC. 351.

PREREQUISITE: PSYCH. 201 OR SOC. 201 AND EITHER PSYCH. 235 OR

SOC. 385 OR A COMPARABLE STATISTICS COURSE.

3 HOURS, OR 1/2 OR 1 UNIT

17990 LECT 11 M W F 207 PSYCH BLDG

COMM 352 ATTITUDE THEORY AND MEASUREMENT.
SAME AS PSYCH. 352 AND SOC. 352.

PREREQUISITE: SOC. 201 OR PSYCH. 201 AND A COURSE IN STATISTICS.
3 HOURS, OR 1/2 OR 1 UNIT
18002 LECT 9 M W F 207 PSYCH BLDG

CCMM 370 LANGUAGE, CULTURE AND SOCIETY.

SAME AS ANTH. AND LING. 370.

3 HOURS, OR 1/2 OR 1 UNIT

18010 LECT-DISC 1 M W F 209A D H

## COURSES FOR GRADUATES

COMM 420 SEMINAR IN SEMANTICS.
SAME AS PHIL. 420.

PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT.

\*MAY BE REPEATED FOR CREDIT.

\*1 UNIT

TOPIC--REFERRING.

18027 LECT-DISC 1-3 W 107 G H

COMM 425 PSYCHOLINGUISTICS.

SAME AS PSYCH. AND LING. 425.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT
18034 LECT 9-11 F 21 PSYCH BLDG

COMM 456 PSYCHOLOGY OF SOCIAL COMMUNICATION.

SAME AS PSYCH. 456.

PREREQUISITE: PSYCH. 351 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.

1 UNIT

18041 LECT 1-3 M 608 PSYCH BLDG

COMM 462 SEMINAR IN RADIO AND TELEVISION.

SAME AS R. TV. 462.

1 UNIT
18059 LECT-DISC 3-5 M 18 G H

THE POLITICAL ECONOMY OF COMMUNICATIONS. COMM 468 SAME AS JOURN. 468.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 18066 LECT-DISC TH 123 G H 10-12 GUBACK COMM 470 COMMUNICATIONS AND POPULAR CULTURE. SAME AS JOURN. 470.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 18073 LECT-DISC 3-5 123 G H KREILING COMM 471 PRO-SEMINAR IN COMMUNICATIONS, I. SAME AS JOURN. 471.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 18081 LECT-DISC 1-3 TH 123 G H CAREY HISTORY AND THEORY OF FREEDOM OF THE PRESS. COMM 473 SAME AS JOURN. 473. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 18098 LECT-DISC 10-12 TH 123 G H JENSEN COMM 474 COMMUNICATIONS SYSTEMS. SAME AS JOURN. 474.

PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 18109 LECT-DISC 3-5 TH 123 G H SCHILLER INTERNATIONAL COMMUNICATIONS.
SAME AS POL. S. 477 COMM 477 3 UNIT 1-3 91985 LECT-DISC 398 L H COMM 481 ADVANCED ADVERTISING PRINCIPLES. SAME AS ADV. 481. \*GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388 AND COMM. 481. \*1 UNIT 18116 LECT-DISC 123 G H RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS. 482 SAME AS ADV. 482.
PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS. 1 UNITE 18123 1-3 LECT-DISC TU 123 G H

COMM COMM

SPECIAL TOPICS IN COMMUNICATIONS.
PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE
STUDY IN COMMUNICATIONS. 1/2 TO 2 UNITS 18131 CONE ARR STAFF

CDMM 492 RESEARCH METHODS IN COMMUNICATIONS.

SAME AS JOURN. 492.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT \*ONE ADDITIONAL HOUR TO BE ARRANGED.

18148 LECT-DISC W 18 G H WIGGINS \*3-5

STAFF

THESIS RESEARCH.

PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE STUDY COMM IN COMMUNICATIONS AND THESIS SUPERVISOR. \*STUDENTS MAY ACCUMULATE A TOTAL OF 8 UNITS. \*O TO 4 UNITS 18155 CONF

## COMPARATIVE LITERATURE

DEPARTMENT OFFICE

401 L H

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

C LIT 359 THE INTERNATIONAL FOLK TALE. SAME AS ENGL. 359. 3 HOURS OR 3/4 UNIT 18162 LECT-DISC D 11 M W F 205 E B FLANAGAN INTRODUCTION TO COMPARATIVE LITERATURE, I. SAME AS HUMAN. 363. C LIT 363 3 HOURS OR 3/4 UNIT 18170 LECT-DISC D 11 TU TH 304 L H
18187 LECT-DISC F 2 TU TH 304 L H B SMALLEY B SMALLEY 4 INTRODUCTION TO FOLKLORE: HISTORY, THEORY, METHODS.
SAME AS SPCH. 346 AND ENGL., GER., AND SLAV. 394.
PREREQUISITE: A READING KNOWLEDGE OF ONE MODERN FOREIGN LANGUAGE C LIT 394 RECOMMENDED. 3 HOURS OR 3/4 UNIT 18194 LECT-DISC D 11 M W F 201 E B GREEN COURSES FOR GRADUATES C LIT 401 THEORY OF LITERATURE. PREREQUISITE: READING KNOWLEDGE OF TWO MODERN FOREIGN LANGUAGES. CONSENT OF INSTRUCTOR. 1 UNIT 9 TU TH 370 L H 18205 LECT-DISC KNUST SEMINAR IN LITERARY MOVEMENTS. \*STUDENTS MAY ACCUMULATE 3 UNITS. #1 UNIT \*1 UNIT SUBJECT: THE ENLIGHTENMENT. 4-6 18212 LECT-DISC 390 L H ALDR IDGE C LIT 452 STUDIES IN THE ROMANTIC MOVEMENT, I. SAME AS ENGL. 427. 1 UNIT 2 TU TH 18220 LECT-DISC 194 L H STILLINGER C LIT 453 PROBLEMS IN ROMANTIC LITERATURE. SAME AS ENGL. 476. 1 UNIT 18237 LECT-DISC G 3 M W 329 G H WILKIE C LIT 454 THE CAROLINGIAN RENAISSANCE.

SAME AS LAT. 462.

PREREQUISITE: LAT. 360, 361 OR EQUIVALENT. 1 UNIT 961 LECT-DISC A 3-5 TU TH 362 L H 91961 WALLACH SEMINAR IN LITERARY FORMS.
\*STUDENTS MAY ACCUMULATE 3 UNITS. C LIT 461 \*1 UNIT SECTION C: BIOGRAPHY AS A LITERARY GENRE.
SECTION F: THE SYSTEM OF TRAGEDY FROM AESCHYLUS TO SHAKESPEARE. 18244 LECT-DISC C 10-12 TH 110 L H 18251 LECT-DISC F 2-4 TU 130 L H AL DRIDGE MONTAND C LIT 462 SEMINAR IN SPANISH-AMERICAN NOVEL. SAME AS SPAN. 436.
PREREQUISITE: SPAN. 433 OR 434. 1 UNIT 18269 LECT-DISC 10 M W 118 L H LEAL

SEMINAR IN LITERARY RELATIONS.
\*STUDENTS MAY ACCUMULATE THREE UNITS. C LIT 471

#1 UNIT ANGLO-GERMAN LITERARY CROSS-CURRENTS IN THE EIGHTEENTH SUBJECT:

CENTURY. LECT-DISC 18276

4-6

TH 390 I H FREY

SEMINAR IN LITERARY THEMES AND TYPES. \*STUDENTS MAY ACCUMULATE THREE UNITS.

\*1 UNIT

SUBJECT: STUDIES IN THEMATICS WITH SPECIAL REFERENCE TO EIGHTEENTH CENTURY SUTTIONS (ENGLISH, FRENCH, GERMAN). 283 LECT-DISC 4-6 M 30 L H 18283

JOST

C LIT 493

S SPECIAL STUDIES.
1/4 TO 1 UNIT
\*SECTION A IS FOR 1 UNIT. SECTION B IS FOR 1/2 UNIT.

18291 18301

CONF \*A ARR
CONF \*B ARR

9 THESIS RESEARCH. 0 TO 4 UNITS C 1 IT 499

18319 CONF

ARP

COMPUTER SCIENCE

DEPARTMENT OFFICE

252 D C L

MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE MATHEMATICS DEPARTMENT UNDER THE CURRICULUM IN SCIENCE AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 120, 130, 140 (OR 131, 141), 341, 342, 317, 318 347, 348 (OR 361).

FIRST MINOR: C. S. 121, 201, 287 AND ONE OF COMPUTER SCIENCE 293, 294, 301 OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IN SPECIAL CIRCUMSTANCES WITH THE CONSENT OF THE ADVISOR, OTHER 100-LEVEL BEGINNING COMPUTER SCIENCE COURSES MAY BE SUB-STITUTED FOR COMPUTER SCIENCE 121.

DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE: A STUDENT WHO SATISFIES THE FOLLOWING REQUIREMENTS MAY, UPON RECOMMENDATION OF THE DEPARTMENT OF MATHEMATICS AND OF COMPUTER SCIENCE, BE GRADUATED WITH DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE: SATISFY THE LAS COLLEGE REQUIREMENTS FOR GRADUATION.

- COMPLETE THE MINIMUM REQUIREMENT OF THE MAJOR IN MATHEMATICS AND COMPUTER SCIENCE WITH A GRADE POINT AVERAGE OF AT LEAST 4.25 IN ALL MATHEMATICS AND COMPUTER SCIENCE COURSES. 2.
- SCIENCE COURSES.
  COMPLETE THREE HOURS OF ADDITIONAL COURSES CHOSEN FROM
  COMPUTER SCIENCE 109, 209, 290, 301, 306, 311, 385, 387,
  391, 392, 393, 394, 397.
  REGISTER HIS CANDIDACY FOR DISTINCTION WITH HIS ADVISOR
  NO LATER THAN THE END OF HIS JUNIOR YEAR.

INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING. C S 101 \*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING: C. S. 101, 103, 105, 107, OR 121. \*3 HOURS GRADUATE STUDENTS DESIRING AN ELEMENTARY KNOWLEDGE OF PROGRAMMING SHOULD ENROLL IN COMPUTER SCIENCE 400.

EVENING HOUR EXAMS WILL BE GIVEN ON TUESDAY, OCTOBER 27, 1970, AND TUESDAY, DECEMBER 8, 1970, AT 7 P.M.

NOTE: IN EACH CASE, THE QUIZ SECTION SHOULD BE SELECTED TO FOLLOW THE SECOND LETTING OF THE WEEK.

THE	SECOND LECTURE	OF THE	WEEK.			
18326	LECT	81	9	M W	151	E E B
18333	LECT	M 1	9	TU TH	151	E E B
18341	LECT	Cl	8	TU TH	151	E E B
18358	LECT	D1	11	M W	62	K M
18365	LECT	E1	1	M W	151	E E B
18372	QUIZ	E2	1	W	161	EEB
18380	QUIZ	F1	2	M	161	EEE
18397	QUIZ	G1	3	W	161	EEB
18408	QUIZ	H1	4	W	161	EEB
18415	QUIZ	M2	9	TH	161	E E B
18422	QUIZ	М3	9	TH	217	MEL
18430	QUIZ	M 4	9	TH	143A	MEB
18447	QUIZ	NI	10	TH	161	EEB
18454	QUIZ	N2	10	TH	217	MEL
18461	QUIZ	N3	10	TH	101	WOODSHOP
18479	QUI Z	N4	10	TH	57	EEB
18486	QUIZ	P1	11	TH	161	E E B
18493	QUIZ	P 2	11	TH	217	MEL
18504	QUIZ	Р3	11	TH	101	WOODSHOP
18511	QUIZ	P 4	11	TH	403	M M B
18529	QUIZ	R1	1	TH	161	EEB
18536	QUIZ	R2	1	TH	217	MEL
18543	QUIZ	S 1	2	TH	161	E E B
18551	QUIZ	5.2	2	TH	217	MEL
18568	QUIZ	T1	3	TH	161	EEB
18575	ZIUQ	T 2	3	TH	217	MEL
18582	QU1 Z	U1	4	TH	217	MEL
18590	QUIZ	U2	4	TH	101	WOODSHOP
18601	QUIZ	A 1	8	F	217	MEL
91939	QUIZ	A 2	8	F	143B	M E B
18618	ZIUQ	82	9	F	161	E E B
18625	QUI Z	В3	9	F	332	M E B
18632	QUIZ	B 4	9	F	143B	MEB
18640	QUIZ	C 2	10	F	161	E E B
18657	QUIZ	C 3	10	F	332	M E B
18664	QUIZ	C 4	10	F	205	н н
18671	QUIZ	C6	10	F	118	L H
18689	QUIZ	D2	11	F	161	EEB
18696	QUIZ	D3	11	F	217	MEL
18707	QUIZ	D4	11	F	332	M E B
18714	QUIZ	D5	11	F	236	MEB
18721	ZIUQ	E 3	1	F	161	E E 8
18739	QUIZ	€4	1	F	217	MEL
18746	QUIZ	E5	1	F	101	WOODSHOP
18753	QUIZ	E6	1	F	332	M E B
18761	QUIZ	E 7	1	F	443	A H
18778	QUIZ	F2	2	F	161	EEB
18785	QUIZ	F3	2	F	217	MEL
18792	QUIZ	F4	2	F	101	WOODSHOP
18803	QUIZ	F5	2	F	253	M E B

C S INTRODUCTION TO SOCIAL AND BEHAVIORAL SCIENCE DIGITAL COMPUTER PROGRAMMING.

PREREQUISITE: SOPHOMORE STANDING AND A YEAR OF COLLEGE MATHEMATICS OR STATISTICS.

\*\*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING: C. S. 101, 103, 105, 107, OR 121 \*3 HOURS

18811	LECT	Dl	11	M W	119	M M B
18828	QUIZ	E 1	1	W	217	MEL
18835	QUIZ	Mi	9	TH	101	WOODSHOP
18842	QUIZ	S 1	2	TH	57	EEB
18850	QUIZ	D2	11	F	101	WOODSHOP
18867	01117	F2	1	F	206	MFB

DICKMAN

MONTANELLI KUBITZ KUBIT7 MURRELL MC VA Y

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INTRODUCTION TO COMPUTERS AND THEIR APPLICATION TO BUSINESS
C S
       105
                AND COMMERCE.
          *STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
          C. S. 101, 103, 105, 107, OR 121.
          EVENING HOUR EXAMS WILL BE GIVEN ON TUESDAY, OCTOBER 27, 1970,
          AND TUESDAY, DECEMBER 8, 1970, AT 7 P.M.
        18874
                             01 11
                                                                 314
                                                                                       BOWDON
                                 В1
                                           9
                                                                 314
                                                                      A H
                                                                                        BEDFORD
        18881
                    LECT
                                                        W
                                 M 1
                                          9
                                                        TH
                                                                  57
                                                                      E E B
        18899
                    OUT 7
                                          10
                                                         TH
                                                                  59
                                                                      FFB
        18900
                    QUI 7
                                 NI
        18917
                    QUIZ
                                 P 1
                                          11
                                                         TH
                                                                  57
                                                                       FFB
        18924
                    OUT 7
                                 P2
                                          1.1
                                                         TH
                                                                 130
                                                                      1 H
        18931
                    OUT 7
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                                                                 218 CER
57 E E
        18949
                    QUIZ
                                           2
                                                         TH
        18956
                    QUIZ
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A1
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240 L H
        18963
                    QUIZ
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        18971
                    QUIZ
                                           8
                                                           F
        18988
                    QUIZ
                                           8
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                                                                      GH
                                 B 2
                                           9
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                                                                 110
        18995
                    QUIZ
                                                                       LH
        19008
                    QUIZ
                                 83
                                          9
                                                           F
                                                                 305
                                 C1
C2
                                          10
                                                           F
                                                                 205
        19015
                    QUIZ
        19022
                    QUIZ
                                          10
                                                           F
                                                                   9
                                                                       GH
                                                           F
        19030
                    QUIZ
                                 03
                                          11
                                                                 152
                                                                       ADMIN
        19047
                                 D4
                                                           F
                                                                 205
                                                                       G H
                    QUIZ
                                          11
        19054
                                 E 1
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                                                                 205
                                                                      G H
                    QUIZ
                                           1
                                 F1
                                                                 165
        19061
                    QUIZ
                                                                      Δ H
      107 INTRODUCTION TO DIGITAL COMPUTING FOR SECONDARY SCHOOL
C S
                TEACHERS.
          PREREQUISITE: ONE YEAR OF COLLEGE CALCULUS.
          *STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING: C. S. 101, 103, 105, 107, OR 121.
          *3 HOURS
          NOTE: THIS COURSE OFFERED FALL SEMESTER ONLY.
                   LECT
                               Dl
                                                                                       NIEVERGELT
                                         11
                                                                 218
                                                                       CFR
        19086
                    QUIZ
                                 P1
                                          11
                                                                 335 M E B
        19093
                    QUIZ
                                 В1
                                           9
                                                           F
                                                                 141
                                                                      AH
        19104
                    QUIZ
                                D2
                                          11
                                                                 118
                                                                      LH
        19111
                    QUIZ
                                EI
                                                                 108
                                                                      L H
                                           1
         9 HONORS COURSE IN COMPUTER SCIENCE.
ENROLLMENT WILL BE STRICTLY LIMITED TO STUDENTS WITH SUPERIOR
TALENTS IN COMPUTER SCIENCE.
0 5
      109
          PREREQUISITE: REGISTRATION IN C. S. 101, 103, 105, 107, OR 121.
          1 HOUR
        19129
                   LECT-DISC &U1
                                                         TH
                                                               161 E E B
                                                                                       KUCK
C S
              INTRODUCTION TO COMPUTER PROGRAMMING.
       121
          *STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.
*4 HOURS
        19136
                    LECT
                                В1
                                                       W
                                                                 319 G H
161 E E B
                                                                                        GEAR
        19143
                    QUIZ
                                 C 1
                                          10
                                                        W
                                          2
        19151
                    QUIZ
                                 81
                                                        W
        19168
                                                        тн
                                 M1
                                           9
                                                                 59 F F B
                                                                59 E E B
101 WOODSHOP
317A D K H
        19175
                    QUIT
                                 P 1
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        19182
                                Δl
                                                          F
                    QUI Z
                                           8
        19190
                                                           E
                    0117.7
                                B 2
                                           Q
0 5
      199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
         *0 TO 9 HOURS
        19201
                  CONF
                                                                                        STAFF
                            COURSES FOR ADVANCED UNDERGRADUATES
C S
         MACHINE LANGUAGE AND SYSTEM PROGRAMMING, I.
PREREQUISITE: C. S. 101 OR 121, OR CONSENT OF INSTRUCTOR.
          3 HOURS
        19218
                    LECT-DISC C1
                                         1.0
                                                   M W F
                                                                100 M M B
                                                                                       FRIEDMAN
r 5
               HONORS COURSE IN COMPUTER SCIENCE.
        PREREQUISITE: C. S. 101 OR 121; REGISTRATION IN C. S. 201 OR 294;
          CONSENT OF INSTRUCTOR.
          1 HOUR
                                        ARP
        19225
                    LECT-DISC
                                                                                        FRIEDMAN
                                     ARR
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RAY

LECT-DISC &B

19232

INTRODUCTION TO NUMERICAL ANALYSIS. C S 287 SAME AS MATH. 287.

PREREQUISITE: C. S. 101 DR 121, ONE YEAR OF CALCULUS, OR CONSENT OF INSTRUCTOR. 3 HOURS LECT-DISC M1 9-1030 TU TH 19240 305 F H GILLIES INDIVIDUAL STUDY. C S 290 PREREQUISITE: C. S. 101 OR 121; C. S. 201 OR 294; OR CONSENT OF INSTRUCTOR. 1 OR 2 HOURS 19257 DISC ARR STAFF INTRODUCTION TO COMPUTER HARDWARE. PREREQUISITE: C. S. 101, 103, OR 121; MATH. 142 OR 143; OR CONSENT OF INSTRUCTOR. 3 HOURS 19264 LAB-DISC B1 MWF 19 D K H POPPELBAUM 294 INTRODUCTION TO THE THEORY OF DIGITAL MACHINES. C S SAME AS E. E. 294.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS. 3 HOURS 19271 LECT N 1030-12 TU TH 253 M E B RAY COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES C S FORMAL THEORY OF LANGUAGES. PREREQUISITE: C. S. 201, AND SENIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 19289 LECT-DISC D1 11 M W F 100 M M B MCCORMICK DIGITAL COMPUTER METHODS FOR STATISTICAL DATA PROCESSING. SAME AS AGRON. 365. C S 365 PREREQUISITE: C. S. 101, 103, 107, OR 121, AND A COURSE IN STATISTICS OR STATISTICAL METHODS OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT 19296 L ECT-DISC 1.1 M W F W223 T H CARMER THEORY OF SEMICONDUCTOR COMPUTER DEVICES. SAME AS E. E. 385. PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT 19307 830-10 TU TH 254 E E B FAIMAN C 5 387 NUMERICAL ANALYSIS. SAME AS MATH. 387. PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 19314 LECT-DISC F1 2 M W F 156 ADMIN PHILLIPS C 5 391 BOOLEAN ALGEBRA AND SWITCHING THEORY. SAME AS E. E. AND MATH. 391. PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 19321 LECT-DISC C1 LECT-DISC D1 10 245 E E B 245 E E B MURDGA 19339 11 MULLER . INTRODUCTION TO AUTOMATA THEORY. C S 392 SAME AS E. E. AND MATH. 392. PREREQUISITE: C. S., E.E. OR MATH. 391 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 346 LECT-DISC N1 1030-12 TU TH 156 ADMIN 19346 HOHN 393 C S DIGITAL COMPUTER CIRCUIT DESIGN. SAME AS E. E. 393. PREREQUISITE: E. E. 342 AND C. S./E. E. 294 OR 391, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 19353 LECT-DISC B 9 M W F 217 M F I MURRELL

- "-

LOGICAL DESIGN OF AUTOMATIC DIGITAL COMPUTER CIRCUITS. SAME AS E. E. 394.

PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT LECT-DISC C 19361 M W F ROBERTSON 1.0 1438 M E B SPECIAL TOPICS IN COMPUTER SCIENCE. r s 7 SPECIAL TOPICS IN COMPOTER SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 3 HOURS, OR 1/2 TO 1 UNIT
\*SECTION A TOPIC: COMPUTER SYSTEM ORGANIZATION.
\*SECTION B TOPIC: COMBINATORIAL COMPUTING.
9378 LECT-DISC \*A 11-1220 M W
9385 LECT-DISC \*B 130-250 TU TH 19378 M W 101 WOODSHOP
TU TH 101 WOODSHOP KUCK NIEVERGELT 19385 COURSES FOR GRADUATES INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING FOR GRADUATE STUDENTS. 1 HOUR 19392 LECT-DISC M TII 119 M M B MONTANELLI COMPUTER SYSTEMS ANALYSIS.
PREREQUISITE: MATH. 361 OR 363 OR EQUIVALENT. CS 441 1 UNIT 19403 LECT-DISC BOWDON ADVANCED NUMERICAL ANALYSIS. C S 457 SAME AS MATH. 457.

PREREQUISITE: C. S. OR MATH. 387 OR CONSENT OF INSTRUCTOR. 1 UNIT 19411 LECT-DISC C1 1.0 M W F 217 M F L SAYLOR CS INFORMATION THEORY.

SAME AS E. E. AND MATH. 463.

PREREQUISITE: MATH. 361 OR EQUIVALENT. 463 1 UNIT 11 LECT-DISC DI M W F 19428 145 A H WOLFOWITZ C S TOPICS IN AUTOMATA THEORY. SAME AS E. E. AND MATH. 465.
PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR. 1 UNIT 19435 +ECT-DISC D1 1.1 241 A H 487 THEORY OF APPROXIMATION. SAME AS MATH. 487.
PREREQUISITE: MATH. 318, MATH. 348, OR CONSENT OF INSTRUCTOR. 1 UNIT 19442 LECT-DISC D1 3.1 M W E 108 ΔН BELFORD INDIVIDUAL STUDY.

PREREQUISITE: CONSENT OF INSTRUCTOR. C S 490 1/2 TO 2 UNITS STAFF 19450 CONF ARR SEMINAR IN COMPUTER SCIENCE. 0 5 491 PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 1 UNIT \*SECTION A TOPIC: COMBINATORIAL MATHEMATICS IN COMPUTER DESIGN. CREDIT--1/2 UNIT.
\*SECTION B TOPIC: ARCHITECTURE, APPLICATIONS, AND LANGUAGES FOR A
PARALLEL COMPUTER. CREDIT--1/2 TO 1 UNIT.
\*467 COMP \*A ARR
\*\*ARR\*\*
\*\*ARR\* 19467 MURIGA 19474 CONF \* B ARR SLOTNICK C S 499 THESIS RESEARCH. PREREQUISITE: CONSENT OF INSTRUCTOR. O TO 4 UNITS \*SECTION A IS FOR CANDIDATES FOR A MASTERS DEGREE. \*SECTION B IS FOR CANDIDATES FOR A PH.D. DEGREE. 19481 CONF \*Δ ARR STAFF CONF STAFF 19499 \*B ARR

#### CZECH

#### SLAVIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 260 L H

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

3 THE STRUCTURE OF MODERN CZECH.
PREREQUISITE: KNOWLEGGE OF ANOTHER SLAVIC LANGUAGE,
PREFERABLY RUSSIAN, OR CONSENT OF DEPARTMENT.
3 HOURS OR 3/4 UNIT CZECH 383 Ω

19500 LECT-DISC A

M W F 120 COM W STAFF

#### DAIRY SCIENCE

DEPARTMENT OFFICE

315 A S L

#### COURSES FOR UNDERGRADUATES

1-3

3-5

2-4

100 INTRODUCTION TO DAIRY PRODUCTION. D S 3 HOURS 19517 KENDALL AND LECT Δ q 135 A S L 135 A S L F QUIZ Δ 9 SPAHR STOCK PAVILION LAB Δ 8-10

110 PLANT AND ANIMAL GENETICS. SAME AS AN. S., AGRON., AND HORT. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL . 104. 3 HOURS \*FOR VETERINARY MEDICINE STUDENTS ONLY. 2 M W 3 HOURS LECT 19524 W109 TH 19531 1 1-3 TU LAB W 13 T H 19549 LA8 2 3-5 TU W 13 T H

COURSES FOR ADVANCED UNDERGRADUATES

TH

DAIRY CATTLE MANAGEMENT. 3 HOURS 19588 LECT

LAB

LAB

LAB

1.1

M W F 316N M H

W 13 TH

W 13 T H

W 13

SPAHR

n s 221 ANIMAL NUTRITION.

SAME AS AN. S. 221.
PREREQUISITE: CHEM. 102(NEW), 132, DR 133. 4 HOURS

2

\*4

**\*5** 

19595

19556

19563

19571

LECT-DISC

TUWTHE 135 A S L

OWENS, DAVI AND HATFIEL

ALEXANDER A

OTHERS

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

D S SPECIAL PROBLEMS. PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL ARE REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION. 1 TO 5 HOURS, OR 1/2 TO 1 UNIT SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE
OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE.
\*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

1.0

CONF A ARR ARR 19606 19613

HARSHBARGER AND STAFF

D S	330 REP	RODUCTION A	ND ARTI	FICIAL IN	SEMINATION	OF FARM ANIMALS	
0 3	SAM	E AS AN. S.	330.			DR AN. 5. 100.	
		OR 3/4 UNIT		ID ETTHER		JK AN. 5. 100.	
	19621	LECT	Δ	1	TU TH	W109 T H	LODGE AND
	19638 19645	LAB LAB	В	2-4	TU TH	414 A S L 414 A S L	GRAVES
	19652	LAB	C	10-12	TU	414 A S L	
D S	340 INT	RODUCTION T	O APPLI	ED STATIS	TICS.		
		E AS AG. E. M. S. 340.	, AGRON	lo, AN. S.	, F. S. FOR	R., HORT., AND	
	PREREQUI	SITE: MATH.	111 OR	112 OR 1	04, OR EQU:	IVALENT.	
		OR 3/4 UNIT		9	TU TH	113.00 T 11	5515
	19660 19677	LECT LAB-DISC	1	1-3	TU	W109 T H W223 T H	SEIF
	19684		2	3-5	TU	W223 T H	
	19691 19702	LAB-DISC LAB-DISC	3	1-3 3-5	W Ne	W223 T H W223 T H	
	19702	LAB-UISC	*	3=5	77	W223 I FI	
			CO	URSES FOR	GRADUATES		
D S	402 THE	MICROBIOLO	GY AND	PHYS TOLOG	Y OF RUMINA	ANT NUTRITION.	
	PR ER EQU I	SITE: CHEM.					
	3/4 UNIT 19710	LECT		11	TU TH	341 A S L	BROWN AND
	19/10	LAB		ARR	10 111	NUTR FLD LAB	BRYANT
D S		ANCED ENDOC					
	SAM	E AS AN. S.	, PHYSL	., AND ZO	OL. 412.		
		SITE: CONSE			•		
	*1/2 UNI	Ť					
		O BÉ ANNOUNG DISC	CED	730-PM	М	140 BUR HALL	NALBANDOV
		0130		130 / 11	·	110 001 1122	GORSKI, FOSTER
							AND JACKSON
D S		ANCED ANIMALE AS AN. S.		ICS.			
	PREREQUI	SITE: AN. S	. 305 0	R EQUIVAL	ENT.		
	1 UNIT						
	19734	LECT-DISC		9	M W F	104 AN GEN	TOUCHBERRY
D S	PREREQUI	RY BACTERION	DURS DE	ADV ANCED	MICROSTOLO	GY AND/OR CHEMI	STRY.
	AND CONS	ENT OF INST				THE STATE OF THE S	
	1/2 TO 2 19741	LAB		ARR			WOLIN AND
	19141	CAD		ANN			BRYANT
D S	490 DAI	RY SCIENCE :	SEMINAR				
	PREREQUI	SITE: GRADUA			OR IN DAIRY	SCIENCE.	
	1/2 UNIT 19759	LECT-DISC		4	TH	341 A S L	HARSHBARGER
				•			
D S	493 SPE	CIAL PROBLEM	MS.				
	1/2 TO 2	UNITS					
	19766	CONF		ARR			HARSHBARGER
							AND STAFF
0.0	100	616 05555					
D S	499 THE 0 TO 4 U	SIS RESEARCH	н.				
		CONF		ARR			HARSHBARGER
							AND STAFF

## DAIRY TECHNOLOGY

OFFICE

104 D M B

## COURSES FOR ADVANCED UNDERGRADUATES

BACTERIOLOGICAL CONTROL OF DAIRY PLANTS. PREREQUISITE: MCBIO. 100 AND 101. DT

4 HOURS LECT 19781

1-3

M W F 203 D M B TU TH 558 BEV HALL

WITTER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE--ALL STUDENTS SPECIALIZING IN DAIRY TECHNOLOGY ARE EXPECTED TO TAKE AN INSPECTION TRIP EITHER IN THE JUNIOR OR SENIOR YEAR. THIS TRIP COSTS THE STUDENT ABOUT \$20.

DAIRY PRODUCT PROCESSING, II.
PREREQUISITE: D. T. 211 AND 213.
4 HOURS OR 1 UNIT D T 311

19798 LECT

LAB

LAB

M W F TU TH 8-11

203 D M B 208 D M B

TUCKEY

THE CHEMISTRY OF MILK AND MILK PRODUCTS.

PREREQUISITE: CHEM. 133 AND EITHER D. T. 213 OR CHEM. 122. 3 HOURS OR 3/4 UNIT 10

19809 LECT M W F 203 D M B

WHITNEY

COURSES FOR GRADUATES

O T ADVANCED PRINCIPLES OF DAIRY TECHNOLOGY.

PREREQUISITE: CHEM. 350.

1 UNIT

19816

LECT LAB

1-4

203 D M B 208 D M B

HETR ICK

4 SEMINAR.

PREREQUISITE: GRADUATE STANDING IN DAIRY TECHNOLOGY.

\*STUDENTS MAY ACCUMULATE ONE-HALF UNIT.

\*O TO 1/4 UNIT

19823 LECT-DISC

ARR

STAFF

99 THESIS RESEARCH. 0 TO 4 UNITS 19831 CONF

ARR

STAFF

DEPARTMENT OFFICE

162 KRAN CENTER

## PROFESSIONAL COURSES FOR UNDERGRADUATES

DANCE 101

BEGINNING MODERN DANCE.
FOR NON-DANCE MAJORS.
\*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.

\*MAY BE \*1 HOUR \*48 LAB 19848 Δ M W F 10 FREER GYM M W F 10 FREER GYM 10 В 19855

ORIENTATION TO DANCE. DANCE 150 OR

STUDENTS IN THE TEACHING OF DANCE CURRICULUM ARE REQUIRED TO ENROLL IN SE. ED. 101, DANCE SECTION.
1862 LECT-DISC P 11 TU TH DANCE RHRSL KRAN

19862

DANCE 155 LABONOTATION.

PREREQUISITE: DANCE 168, OR AN ELEMENTARY MUSIC COURSE, OR CONSENT

OF INSTRUCTOR.

2 HOURS LAB-DISC D 19870 11 TU TH A ENSEMBLE KRAN

BEGINNING TECHNIQUE. DANCE 160

\*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.

\*MAY BE No. \*3 HOURS LAB 8 8 1 915-1045 MTUWTHF 915-1045 MTUWTHF 19887 DANCE RHRSL KRAN ARR 19894

IMPROVISATION, I.

DANCE 162 IN 1 HOUR

19905 DANCE RHRSL KRAN LAR M W F D 11 D1 11 19912 LAB ARR

64 BEGINNING COMPOSITION.
PREREQUISITE: DANCE 163 OR CONSENT OF INSTRUCTOR. 2 HOURS

19920

LAB F F 2-4 M W 10 R1 130-330 TU TH ARR 10 FREER GYM LAB 19937

INTERMEDIATE TECHNIQUE. DANCE 165

PREREQUISITE: DANCE 160 OR CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS. \*MAY BE \*3 HOURS LAB

19944

LAB 12-130 MTUWTHF DANCE RHRSL KRAN 12-130 MTUWTHF ARR Xl 19951

DANCE 166

BEGINNING BALLET, I.

PREREQUISITE: DANCE 160 OR CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED ONCE FOR CREDIT.

\*1 HOUR

TU TH 10 FREER GYM APPLEBAUM
TU TH 10 FREER GYM APPLEBAUM
TU TH 10 FREER GYM APPLEBAUM 19969 1 AB N1 1045-12 19976 LAB R 1-215 230-345 19983 LAB S1

DANCE 168 MUSIC THEORY AND PRACTICE FOR DANCE, I.

2 HOURS

19991 LAB-DISC G 20007 LAB-DISC H M W F 901 W ILLINOIS BROSCH 901 W ILLINOIS BROSCH 4

DANCE 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. #0 TO 9 HOURS CONE

PROFESSIONAL COURSES FOR ADVANCED UNDERGRADUATES

CREATIVE DANCE FOR CHILDREN.
PREREQUISITE: DANCE 163 AND 165, OR CONSENT OF INSTRUTOR.

ARR

3 HOURS 20021

20014

901 W ILLINOIS 9-12 218 E B 26 E B S 9-12

DANCE 260

DADVANCED TECHNIQUE, I.
PREREQUISITE: DANCE 165 OR CONSENT OF INSTRUCTOR.
\*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.

\*3 HOURS

MTUWTHE DANCE RHRSL KRAN 20039 LAB E1 130-3

INTERMEDIATE BALLET, I.

PREREQUISITE: DANCE 166 OR CONSENT OF INSTRUCTOR.

1 HOUR

20046 915-1030 TU TH 10 FREER GYM APPLEBAUM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

DANCE 340

O HISTORY OF DANCE, I. 3 HOURS, OR 3/4 TO 1 UNIT

20053 LECT M W F 901 W ILLINOIS ERLANGER 10

DANCE 350 DANCE REPERTORY WORKSHOP.

PREREQUISITE: ENROLLMENT IN ADVANCED TECHNIQUE COURSE AND CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS OR 2 UNITS.

\*2 OR 4 HOURS, OR 1/2 OR 1 UNIT

20061 LAB G 3 M W F DANCE RHRSL KRAN 20078 LAB DANCE RHRSL KRAN

DANCE 351 SPECIAL PROBLEMS

PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR A MAXIMUM OF 8 HOURS OR 1 UNIT.

\*2 OR 4 HOURS, OR 1/2 OR 1 UNIT

20085 LAB P 11 Q 12 TU TH ARR 10 FREER GYM BLOSSOM WARD 91946 LAB

DANCE 360

ADVANCED TECHNIQUE, II.
PREREQUISITE: DANCE 260 OR CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS OR 1 UNIT.

\*3 HOURS OR 1/2 UNIT

20092 LAB 130-3 MTUWTHE DANCE RHRSL KRAN

ADVANCED COMPOSITION. DANCE 365

PREREQUISITE: DANCE 264 OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT

20103 LAB-DISC T LAB-DISC D TU TH DANCE RHRSL KRAN M W 10 FREER GYM 3-5 3-5 TU TH 10 FREER GYM 20111

COURSES FOR GRADUATES

DANCE 400 PROBLEMS IN DANCE EDUCATION.

PREREQUISITE: DANCE 243 OR 244 OR EQUIVALENT.

1 UNIT

LECT-DISC M 20128 9-11 \* TU DANCE RHRSL KRAN ERLANGER

CHOREOGRAPHY. DANCE 401

PREREQUISITE: DANCE 345 OR EQUIVALENT.

1/2 TO 2 UNITS

20135 LAB 20142 LAB M W 10 FREER GYM TU TH 10 FREER GYM WARD BLOSSOM 4-6 U 4-6

DANCE SEMINAR. DANCE 490 NO CREDIT DISC 20150

ARR

901 W ILLINOIS

FRLANGER

THESIS RESEARCH. DANCE 499 1/2 TO 2 UNITS 20167

ARR

901 W ILLINOIS

ERLANGER

WELLS

COM W

141

BRANDIS

### ECONOMICS

#### DEPARTMENT DEFICE

330 COM W

MAJOR: TWENTY HOURS IN ECONOMICS, INCLUDING ECON. 108, OR 102 AND 103, 171, 300, AND 301. MATH. 124 AND 134 OR MATH. 132 ARE ALSO REQUIRED BUT ARE NOT ACCEPTABLE TOWARD THE TWENTY-HOUR MAJOR. LIBERAL ARTS MAJORS ARE STRONGLY ADVISED TO ELECT ACCY 201. WHICH IS NOT ACCEPTABLE TOWARD THE MAJOR REQUIREMENT.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, EDUCATION, FINANCE, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY. AN ECONOMICS MAJOR WHO CHOOSES FINANCE AS A MINOR MUST INCLUDE TWELVE HOURS IN A SECOND MINOR. THE CURRICULUM IN LATIN-AMERICAN, ASIAN, OR RUSSIAN AREA STUDIES IS ACCEPTED AS A MINOR.

NOTE: ECON. 102 AND 103 ARE REQUIRED FOR ALL COMMERCE STUDENTS, AND THESE OR 108 ARE REQUIRED FOR ALL LIBERAL ARTS MAJORS IN ECONOMICS. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN ECONOMICS SHOULD TAKE THESE COURSES IN THEIR SOPHOMORE YEAR.

## COURSES FOR UNDERGRADUATES

PRINCIPLES OF ECONOMICS, I.
PREREQUISITE: ONE SEMESTER OF COLLEGE WORK. ECON 102

LECT

3 HOURS

\*SECTION &G IS OPEN ONLY TO JAMES SCHOLARS, OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

20174 LECT-DISC \*&G STUDENTS REGISTERING IN THE FOLLOWING SECTIONS MUST

CHOOSE ONE QUIZ-LECTURE COMBINATION. QUIZ 20181 A 1 319 G H A1 M W LECT 8 319 G H 20199 QUIT 7 L1 8 TU TH 40

COM W 1 L2 1 M1 1 M2 1 N1 1 LECT 2 М 141 COM N TU TH 20200 SIUG COM W 140 LECT 2 м COM W 141 TU TH 20217 01117 COM W 40 141 COM W 2 М LECT QUIZ TU TH 20224 9 140 COM W COM W LECT 2 М 141 20231 QUIZ 10 TU TH 305 D K H LECT 2 141 COM W N2 1 P1 TU TH 20249 QUIZ 10 307 DK LECT 2 141 COM W TU TH 20256 QUIZ 11 305 DKH

LECT 2 M TU TH 141 COM W 20263 QUIZ 11 307 DKH COM H LECT 1 X1 2 141 TU TH 20271 QUIZ 12 COM W 40 LECT 2 M TU TH 141 COM W 20288 QUIZ RI 1 40 COM W

2

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3 HOURS
         *SECTION &A1 IS OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A
         MINIMUM GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE
         INSTRUCTOR.
                   LECT-DISC #&A1
                                                               20 COM W
                   LEC T-DISC
                              A2
                                                  М
                                                        F
                                                                   COM W
       20306
                                                              140
                                         8
                                                     M
                   LECT-DISC
                                                              111
       20313
                               A3
                                         В
                                                                   DKH
                   LECT-DISC
                               81
                                                        F
                                                                   DK
       20321
                   LECT-DISC
                                                        F
       20338
                               B 2
                                         9
                                                  М
                                                              140
                                                                  COM W
                                                     W
                   LECT-DISC
                                                  м
                                                        F
       20345
                               C 1
                                        10
                                                              119
                                                                   DKH
                   LECT-DISC
                                                        F
       20352
                               C2
                                                  М
                                                                   D K
       20360
                   LECT-DISC
                               D1
                                        11
                                                  M
                                                        F
                                                              119
                                                                   DKH
       20377
                   LECT-DISC
                               D2
                                        11
                                                  М
                                                        F
                                                              222
                                                                   DKH
       20384
                   LECT-DISC
                               X1
                                                        F
                                                              305
                                                                   DKH
                                        12
       20391
                   LECT-DISC
                               X 2
                                        12
                                                  М
                                                        E
                                                              307
                                                                     K
       20402
                   LECT-DISC
                               E1
                                                        F
                                                              305
                                                                   D
       20410
                   LECT-DISC
                                                        F
                                                              307
       20427
                   LECT-DISC
                               Fl
                                                        F
                                                              119
                                                                   D
       20434
                   LECT-DISC
                               F2
                                         2
                                                  М
                                                        F
                                                              222
                                                                   D
                   LECT-DISC
       20441
                               G1
                                                              119
                                                                   DK
       20459
                   LECT-DISC
ECON 108
              ELEMENTS OF ECONOMICS.
         NOT OPEN TO COMMERCE STUDENTS OR STUDENTS WHO HAVE HAD ECON. 102
         AND 103.
         PREREQUISITE: FIRST SEMESTER FRESHMAN IN ENGINEERING, SECOND
         SEMESTER FRESHMAN IN OTHER COLLEGES.
         3 HOURS
         SECTIONS &A. AND &E ARE OPEN TO JAMES SCHOLARS OR TO
         STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.
         *SECTION NI IS FOR THOSE PREPARING TO TEACH IN THE PUBLIC SCHOOLS.
         NONE OF THE FOLLOWING LECTURE-DISCUSSIONS HAVE QUIZ SECTIONS.
                                                 M W F
       20815
                   LECT-DISC *&A
                                       В
                                                             126
                                                                  COM W
                                                                                   BECKETT
       20822
                   LECT-DISC *&E
                                         1
                                                              20
                                                                  COM W
                                                                                    BECKETT
       20830
                   LECT-DISC #N1
                                        10-1130
                                                  TU TH
                                                                  COM W
                                                                                    PADEN
                                                               40
                   LECT-DISC
       20466
                               2L1
                                         8-930
                                                   TU TH
                                                              245
                                                                  COM N
                                                                                    SHUPP
                   LECT-DISC
       20473
                               2M1
                                        9-1030
                                                   TU TH
                                                             325
                                                                  G H
       20481
                   LECT-DISC
                               2N1
                                        10-1130
                                                   TU TH
                                                              126
                                                                  COM W
                   LECT-DISC
                                        10-1130
       20498
                               2 N2
                                                   TU TH
                                                                   DKH
                                                              111
                              2P1
                   LECT-DISC
       20509
                                        11-1230
                                                   TU TH
                                                              325
                                                                   GH
                               281
                                        1-230
                                                                   DKH
       20516
                                                   TU TH
                   LEC T-DISC
                              2R2
                                         1-230
       20523
                                                   TU TH
                                                              245
                                                                   COM H
                                                                                   PADEN
       20531
                   LECT-DISC
                               251
                                         1-230
                                                   TU TH
                                                              305
                                                                   DKH
                                                                   ARCH
       20548
                   LECT-DISC
                               252
                                         2-330
                                                   TU TH
                                                             302
                                                                                   FERBER
         STUDENTS REGISTERING IN LECTURES 1, 3 AND 4 MUST CHOOSE ONE
         QUIZ-LECTURE COMBINATION.
                   QUI Z
       20562
                               11.1
                                                   TU
                   LECT
                                                        E
                                                              141
                                                                  COM W
       20570
                   QUIZ
                                         8
                                                   TU
                                                              222
                                                                  DKH
                   LECT
                                         2
                                                              141
                                                                  COM W
       20587
                   QUIZ
                               1M1
                                         9
                                                   TU
                                                              119
                                                                  COM
                   LECT
                                                              141
       20594
                   QUIZ
                               1M2
                                         9
                                                   TU
                                                              222
                                                                  DKH
                   LECT
                                         2
                                                    W
                                                              141
                                                                  COM
       20605
                   QUI 7
                               1 N 1
                                        10
                                                   TU
                                                                  D K
                                                              119
                   LECT
                                                    W
                                                              141
                                                                  COM W
                               1N2
                                        10
                                                   TU
       20612
                   QUIZ
                                                              222
                                                                  D K
                   LECT
                                                    W
                                                              141
                                                                   COM W
                               1P1
                                                   TU
       20620
                   QUIZ
                                        11
                                                              119
                                                                  DKH
                                                                   COM H
                   LECT
                               ï
                                                    W
                                                              141
                               192
       20637
                   QUIZ
                                        11
                                                   TU
                                                                  DKH
                                                                   COM W
                   LECT
                                                    W
                                                              141
       20644
                   QUIZ
                               181
                                                   TU
                                                              119
                                                                  DKH
                   LECT
                                         2
                                                    H
                                                        E
                                                              141
                                                                   COM W
       20651
                   QUIZ
                               1R2
                                                   TU
                                                              130
                                                                  COM W
                                                    W
                                                                   COM
                   LECT
                                                              141
       20669
                   QUIZ
                               151
                                                   TU
                                                              119
                                                                  D K
                   LECT
                                                     W
                                                        F
                                                              141
                                                                   COM
                                                              130
                                                                  COM
       20676
                   QUIZ
                               152
                                         2
                                                   ΤU
                                                     F
                                                                  COM W
                   LECT
                                                              141
                                                      TH
                                                                   DK
       20683
                   QUIT 7
                               311
                                         8
                                                                   COM W
                                                                                   DUE
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                                                    - 64
                                                              141
                   1 FCT
                                         3
       20555
                               3 M L
                                         9
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                                                                   DKH
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ECON 103

PRINCIPLES OF ECONOMICS, II.

PREREQUISITE: ECON. 102.

QUIT 7

LECT

QUIT 7

LECT

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М W

TH

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3

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3

222

141

222

141

COM W

DKH COM W

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20701
                         QUIZ
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                                                                       ТН
                                                                                 222
                                                                                       DKH
                         LECT
                                                                                        COM W
                                                                                 141
                                                    12
                                                                      TH
                                                                                 222
         20719
                         QUIZ
                                         3 X 1
                                                                                        DKH
                                                                                        COM W
                         LECT
                                                                                 141
                                         3 R I
         20726
                         QUIZ
                                                                      TH
                                                                                 306
                                                                                        DKH
                                                                                       COM W
                         LECT
                                                      3
                                                                 M
                                                                                 141
                                         351
                                                                      TH
                                                                                 306
         20733
                         QUIZ
                                                                                        D K H
                         LECT
                                                      3
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                                                                                       COM W
         20741
                         QUIZ
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                         LECT
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         20758
                         QUIZ
                                         4M1
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                         LECT
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                                                                                 103
         20765
                         QUIZ
                                         4N1
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                                                                                 317
                                                                                        DKH
                         LECT
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                                                                                 103
                                                                                        MH
         20772
                         QUIZ
                                         4P1
                                                    11
                                                                      TH
                                                                                 317
                                                                                        DKH
                         LECT
                                                                                 103
                                                                       ТН
         20780
                         QUIZ
                                         4X1
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                                                                                       DKH
                                                    12
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                         LECT
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                                                                      TH
         20797
                         QUIZ
                                         4R1
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                                                                М
                                                                                 103
                                                                                        M H
                         LECT
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                                                                                        DKH
         20808
                                        451
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                                                                                 325
                         LECT
                                        4
                                                     8
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                                                                     W
                                                                                 103
            STUDENTS ENROLLED IN ECONOMICS 108 MAY ALSO ENROLL,
ON AN OPTIONAL BASIS, IN ONE OF THE CONFERENCE SECTIONS
FOR AN ADDITIONAL ONE HOUR OF CREDIT. THESE CONFERENCE
SECTIONS WILL BE LIMITED IN ENROLLMENT AND WILL BE
STAFFED BY SENIOR FACULTY MEMBERS. EACH SECTION WILL
BE DEVOTED TO DISCUSSION OF PARTICULAR CURRENT ECONOMIC
PROBLEMS AS NOTED BELOW:
            *SECTION F: U. S. FOREIGN INVESTMENT: DÉVELOPMENT STIMULUS OR
            NEO-COLONIALISM.
            *SECTION R: COMPARATIVE SYSTEMS.
            SECTION T: ECONOMIC DEVELOPMENT WITH EMPHASIS ON TROPICAL AFRICA.
         20847
                        CONF
                                      *F
                                                                                 11 COM W
20 COM W
                                                                                                            GILLESPIE
                                                                     W
                                       *R
                                                                  TU
         20854
                                                                                                             FERBER
                         CONE
                                       т
                                                                      TH
                                                                                 140
                                                                                       COM W
                                                                                                             DILE
         20861
                                                      3
            I INTRODUCTORY ECONOMIC STATISTICS.
FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: CONCURRENT REGISTRATION IN MATH. 134.
*NOT OPEN FOR CREDIT IN ADDITION TO ECON. 172 AND 173, MATH. 161,
ECON
            OR PSYCH. 135.
            *3 HOURS
                         LECT-DISC
         20879
                                                     8
                                                                 M W F
                                                                                 222
                                                                                       DKH
                         LAB
                                         Δ
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                                                                 TU
                                                                                 205
         20886
                         LECT-DISC
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                                                                                 305
                                                                                       DK
                         LAB
                                                                  TU
                                        C
                                                    1.0
                                                                                 205
            PECONOMIC STATISTICS, I.
PREREQUISITE: MATH. 134 OR EQUIVALENT, AND CREDIT OR REGISTRATION
IN ECON. 102 OR 108.
ECON 172
            3 HOURS
            *SECTION &E1 IS OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF
            THE INSTRUCTOR.
         20893
                         LECT-DISC
                                         A1
                                                     22
                                                                         E
                                                                                  40
                                                                                       COM W
                         LAB
                                         Δ1
                                                     В
                                                                      TH
                                                                                 205
                                                                                       DKH
         20904
                         LECT-DISC
                                         Α2
                                                     В
                                                                 М
                                                                         F
                                                                                130 COM W
                                         A2
                                                     8
                                                                      TH
                                                                               APP
                         LAB
         20911
                         LECT-DISC
                                         A 3
                                                                         F
                                                                                 307
                                                                                                             RESEK
                                                    8
                                                                                        DKH
                                                                      TH
                                         Δ3
                                                                               ARR
                         LAB
                                                     8
                                         81
                         LECT-DISC
                                                                        F
                                                                                  40
                                                                                       COM W
                                                                      ТН
                         LAB
                                         B 1
                                                                               ARR
         20936
                         LECT-DISC
                                         82
                                                                        F
                                                                                130
                                                                                       COM W
                                                                     W
                         LAB
                                         82
                                                     9
                                                                      TH
                                                                               ARR
                                         B3
         20943
                         LECT-DISC
                                                     9
                                                                                307
                                                                                       DKH
                                                                     W
                         I AB
                                                     9
                                                                      TH
                                                                               ARR
                                         83
         20951
                         LECT-DISC
                                         C 1
                                                    10
                                                                М
                                                                        F
                                                                                 40 COM W
                                                                     W
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                                                                      TH
                                                                               ARR
                         IAB
                                        C1
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ECON 108

CONTINUED

F

F

TH

TH

TH

111 DKH

245 COM W

DKH

ARR

ARR

ARR

307

M W

M W F

M

LECT-DISC

LECT-DISC

LECT-DISC

LAB

LAB

LAB

C 2

C 2

C 3

C3

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Dl

12

12

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10

12

12

20968

20975

20982

ECON	172 CONT 20990	LECT-DISC	02	11	м	4 F	40	COM W	
		LAB	D2	11		TH	ARR		
	21002	LECT-DISC LAB	D3	1	М	W F	222 ARR	DKH	
	21010	LECT-DISC	#8E1	1	М	WF	140	COM W	WILSON
		LAB	*&E1	1		TH	ARR		
ECON	173 EC	ONOMIC STAT	15 TICS,	R EQUIVAL	ENT.				
	3 HOURS								
	21027	LECT-DISC LAB	A1 A1	8	M TU	W F	305 ARR	DKH	YANCEY
	21034	LECT-DISC	A 2	В	M	w F	119	DKH	DUCHAN
	21041	LAB LECT-DISC	A2 B1	8 9	TU M	W F	ARR 305	DKH	YANCEY
	21059	LAB LECT-DISC	8 1 8 2	9	TU M		ARR 119	ркн	DUCHAN
	21039	LAB	B 2	9	TU		ARR	UKH	DOCHAN
	21066	LECT-DISC	E1	1	M TU	W F	40 ARR	COM W	
	21073	LECT-DISC	€2	i	M	WF	111	DKH	PAPPAS
	21081	LAB LECT-DISC	E2	1 2	TU	W F	ARR 40	COM W	
	21001	LAB	F1	2	TU		ARR	COM W	
	21098	LECT-DISC	F2 F2	2	M TU	W F	111 ARR	DKH	PAPPAS
		LAD	7 2	2	10		ANN		
ECON	199 UN	DERGRADUATE	ODEN S	CMINAD					
ECON	*MAY BE	REPEATED.	OFER 3	CHIMMY.					
	*0 TO 9	HOURS	אזרי חב	TECHNOLO	CV				
	*SECTIO	N R: ECONOL N S: THE EC	CONOMIE	S OF JAPA	N, KOR	EA AND	TAI WA	N.	
	21109	CONF	*R	ARR 1-3	TU			COM W	STAFF PARRISH
	21123	CONF	<b>*</b> S	2-4	TU			COM W	TAIRA
		COL	JRSES F	OR ADVANC	ED UND	ERGRA	UATES		
ECON	214 GO	VERNMENT FIR	ANCE A	ITAXATI	ON.				
	3 HOURS	ISITE: ECON.	103,	UK 108.					
	21131 21148	LECT-DISC LECT-DISC	A D	8 11		W F	19 245	D K H COM W	WESTON
	21148	FEC1-812C	U	1.1	M	W F	245	COM W	DOE
ECON	236 AM	ERICAN ECONO	MIC HI	TODY					
20014	PR ER EQ U	ISITE: JUNIO			N. 103	OR 10	08.		
	3 HOURS 21155	LECT-DISC	В	q	м	w F	111	ркн	KEMMERER
	21162	LECT-DISC	C	10		WF	111	COM W	WESTON
ECON	238 EU	ROPEAN ECON	MIC HI	STORY.					
	3 HOURS	ISITE: ECON.	103 0	₹ 108.					
	21170	LECT-DISC	Ε	11	М	W F	111	DKH	KEMMERER
ECON		BOR PROBLEMS							
	3 HOURS	ISITE: ECON.	102 A	ND 103, 01	4 108.				
	STUDENT			R THE LECT	TURE A	ND ONE			67465
	21187 21194	L ECT QUI Z	B	10		W F	141	COM W D K H	STAFF GL YDE
	21205	QUIZ	Р	11		TH	119	DKH	GLYDE
	21212	ZIUQ	S	2		TH	119	DKH	GLYDE
ECON	255 CO	MOADATIVE CO	CNOMIC	CVCTEMC					
ECON	PREREQU.	MPARATIVE EC ISITE: ECON							
	3 HOURS	N &F OPEN TO	IAMES	SCHOI VDC	OP TO	STUDS	NTS WE	TH A	
	MUMINIM	CUMULATIVE							
	OF THE 21220	INSTRUCTOR. LECT-DISC	A	9	М	W F	245	COM W	FERBER
	21237	LECT-DISC	C	10	M	W F	245	COM W	FERBER
	21244	LECT-DISC	€ *8.F	2		W F	141	COM W	MILLAR SCHRAN
	- 4 - 7 -	2201 0130	4 1	-			501	- "	301111714

INTRODUCTION TO ECONOMETRICS. PREREQUISITE: MATH. 134, ECON. 173. 3 HOURS 21269 LECT-DISC G 40 COM W GOVERNMENT REGULATION OF ECONOMIC ACTIVITY. ECON 288 PREREQUISITE: ECON. 102 AND 103, OR 108. 3 HOURS 21276 LECT-DISC C M W F 20 CDM W ECON 294 SENIOR RESEARCH. PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING. 2 TO 4 HOURS 21283 LECT-DISC U 4-530 TU 11 COM W COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES O INTERMEDIATE MICRO-ECONOMIC THEORY.

PREREQUISITE: ECON. 103, OR 108.

STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ECON. 200 AND 300.

3 HOURS OR 1/2 UNIT ECON 300 MATH. 124 AND 134 ARE RECOMMENDED.
291 LECT-DISC B 9 21291 126 COM W GILLESPIE LECT-DISC C
LECT-DISC D
LECT-DISC D1
LECT-DISC E COM W 10 M E 21301 126 WEISER COM W M W M W c 21319 11 140 VEHNC 91978 11 E 126 WEISER 21326 1 119 DKH CHMMINGS INTERMEDIATE MACRO-ECONOMIC THEORY. ECON 301 PREREQUISITE: ECON. 103 OR 108. 3 HOURS OR 1/2 UNIT MATH. 124 AND 134 ARE RECOMMENDED. LECT-DISC D 21333 M W F M W F 130 COM W PAPPAS 11 21341 130 COM W WELLS E E1 21358 LECT-DISC 1 130 COM W SPRENKLE LECT-DISC COM W 21365 245 HODGMAN LECT-DISC 21372 130 COM W ECON INTERNATIONAL ECONOMICS. 328 GILLESPIE 21380 305 D K H 305 D K H 21397 BECKETT ECON 343 UNIONS, BARGAINING, AND PUBLIC POLICY. SAME AS L. I. R. 343.
PREREQUISITE: ECON. 103 OR 108. 3 HOURS, OR 1/2 OR 1 UNIT 11 MWF 307 DKH PARRISH 21408 THE DEVELOPING ECONOMIES. ECON 350 \*NOT OPEN FOR GRADUATE CREDIT FOR GRADUATE CANDIDATES IN ECONOMICS. GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 350 AND 450 OR 451. \*3 HOURS, OR 1/2 OR 1 UNIT 21415 LECT-DISC C 21422 LECT-DISC G M W F 140 COM W 111 D K H TAIRA 10 ECON 352 ECONOMIC DEVELOPMENT IN LATIN AMERICA. PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

1430 LECT-DISC L 8-10 TO TH 111 D K 21430 111 DKH VANDENDRIES FOR THE SOVIET ECONOMY.

PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

21447 LECT-DISC G 3 M W F 245 COM ECON 357

M W F 245 COM W

MILLAR

ECON	PREREQUISITE: ECON. 103 *STUDENTS RECEIVING GRA	DEVELOPMENT. OR 108. DUATE CREDIT FOR	ECON. 360 MA	Y NOT RECEIVE	
	CREDIT FOR ECON. 460 OR *3 HOURS, OR 1/2 OR 1 U 21454 LECT-DISC D	10 M	W F 130	COM W	WILL IAMS OF
ECON	PREREQUISITE: MATH. 143	, ECON. 300 AND	301, OR EQUIV	ALENTS.	
	3 HOURS, OR 1/2 TO 1 UN 21461 LECT-DISC F	2 M	W F 20	COM W	YANCEY
ECON	384 ECONOMICS OF TRANS PREREQUISITE: ECON. 103	OR 108.			
	3 HOURS, OR 1/2 OR 1 UN 21479 LECT-DISC G	3 M	W F 20	COM W	HARBESON
ECON	389 INDUSTRIAL COMPETI PREREQUISITE: ECON. 103	DR 108.	۲.		
	3 HOURS, OR 1/2 OR 1 UN 21486 LECT-DISC E	1 T	W F 11	COM W	STEINKAMP
		COURSES FOR GRA	DUATES		
ECON	400 GENERAL ECONOMIC T PREREQUISITEECON. 103	HEORY. OR 108.			
	1 UNIT 21493 LECT-DISC L1 21504 LECT-DISC L2 21511 LECT-DISC R1	8-10 TO	J TH 126 J TH 140	COM W	ARNOULD FLANDERS
			J TH 226	COM W	FL AN DER S
ECON	401 GENERAL ECONOMIC T PREREQUISITE: ECON. 103 1 UNIT	HEORY. OR 108.			
	21529 LECT-DISC T	3-5	TH 130	COM W	HODGMAN
ECON	402 ECONOMIC THEORY.  PREREQUISITE: ECON. 300 SECTION, A KNOWLEDGE OF 1 UNIT	-301 OR EQUIVALE ALGEBRA AND CAL	NT; FOR THE M	IATHEMATICS	
	#SECTION 1 IS A MONMATH	EMATICAL SECTION SECTIONS.	AND SECTIONS	N AND	
	N1 ARE THE MATHEMATICAL 21543 LECT-DISC *N 21551 LECT-DISC *N1 21536 LECT-DISC *R	10-12 TO 10-12 TO 1-3 TO	J TH 20 J TH 130 J TH 106	COM W COM W D K H	FOLK STEINKAMP
ECON	406 HISTORY OF ECONOMI PREREQUISITE: ECON. 300	C THOUGHT.  AND 301 OR EQUI	/ALENT.		
	1 UNIT 21568 LECT-DISC E	1-3	F 126	COM W	BRANDIS
ECON	PRICE AND DISTRIBU PREREQUISITE: ECON. 402	TION THEORY. AND 470 OR EQUI	/ AL ENT .		
	21575 LECT-DISC A	8 M	11	COM W	TAKAYAMA
ECON	414 PUBLIC FINANCE. PREREQUISITE: SIX HOURS 1 UNIT	OF ECONOMICS.			
	21582 LECT-DISC G	3-5	F 130	COM W	LEUTHOLD
ECON	420 MONETARY THEORY.  PREREQUISITE: A COURSE OF INSTRUCTOR.				
	1 UNIT 21590 LECT-DISC C	10-12	F 11	COM W	SPRENKLE
ECON	428 INTERNATIONAL TRAD PREREQUISITE: ECON. 300	E THEORY. OR 301, OR EQUI	VALENT.		
	1 UNIT 21601 LECT-DISC E	1-3	w 126	COM W	YEUNG

ECON		ERICAN ECONO N TO STUDENT			DN. 236.			
	21618	LECT-DISC	L	8-10	TU TH	20	COM W	KEMMERER
ECON	440 LAE	BOR ECONOMIC ME AS L. I.	S					
	PREREQUI	ISITE: ECON.	300 AND	301.				
	1 UNIT 21625	LECT-DISC	R	1-3	TH	11	COM W	HARTMAN
ECON		LECTIVE BAR						
	PREREQU!	ME AS L. I. ISITE: CONSE	R. 442. NT OF IN	STRUCTOR.				
	1 UNIT 21632	LECT-DISC	С	10-12	М	43	LIR	WAGNER
ECON		ONOMICS OF M		RESOURCES	,			
	PREREQUI	TE AS L. I.	NT OF IN					
	*GRADUA1 ECON./L. *1 UNIT	re CREDIT WI . I. R. 444.	LL NOT B			N. 34	5 AND	
	21640	LECT-DISC	G	3-5	М	11	COM W	PARR ISH
ECON	447 LAE	OR UNION OR	GANIZATI	ON AND ADI	MINISTRATIO	٧.		
	PREREQUI	ME AS L. I. ISITE: MAJOR	R. 447. IN SOCI	AL SCIENCE	ES QR CONSEI	NT OF	INSTRUCTOR.	
	1 UNIT	LECT-DISC			W			GARMAN
ECON		E ECONOMICS ISITE: ECON.						
	21664	LECT-DISC	R	1-3	TU	126	COM W	VANDENDRIES
ECON	455 COM	PARATIVE EC	ONOMIC S	YSTEMS.				
	PREREQUI 1 -UNIT	ISITE: ECON	103 OR 1	08 OR EQUI				
	21671	LECT-DISC	T	3~5	TU	20	COM W	SCHRAN
ECON	460 LOC	ATION THEOR	Υ.					
	#STUDEN1		CREDIT	301, OR E FOR ECON.	460 MAY NO	r REC	EIVE GRADUATE	
	*1 UNIT	FOR ECON. 36		8-10	F	1.1	COM N	WILLIAMSON
	51004	FEC 1-D12C	А	8-10	۲	11	COM W	WILLIAMSUN
ECON	PREREQUI	THEMATICAL E ISITE: MATH.	CONOMICS 315; EC	, I: STATI	CS. 3; OR EQUI	VALEN	т.	
	1 UNIT 21696	LECT-DISC	R	1-3	TU TH	111	D K H	SHUPP
ECON	470 ECC	ONOMIC STATI	STICS.					
	21707	LECT-DISC LECT-DISC	N R	10-12	TU TH TU TH		COM W	YANCEY
ECON	/7/ 566	NOMETRICS.						
ELUN	PREREQUI	SITE: MATH.	315 AND	363.				
	21721	LECT-DISC	R	1-3	TU TH	307	DKH	RESEK
ECON	479 RFS	SEARCH SEMIN	AR IN OU	ANTITATIVE	ECONOMICS			
	PREREQUI (THEORET)	ISITE: EQUIV	ALENT OF LIED) CA	ONE YEAR	OF GRADUATION THE EQUIVA	STA	TISTICS OF ONE YEAR O	F
	1 UNIT	LECT-DISC		10-12	W	11	COM W	JUDGE

ECON		NDUSTRIAL OF UISITE: GRAI						
	21746	LECT-DIS	Т	3-5	TU	111	DKH	ARNOULD
ECON	484 E 1 UNIT	CONOMICS OF	TRANSPO	RTATION.				
	21753	LECT-DISC	L	1-3	TH	126	COM W	HARBESON
ECON		NDIVIDUAL ST	TUDY AND	RESEARCH.				
	21761	CONF	1	2-4	TU	40	COM W	TAIRA
	21778	CONF	2	3-5	M	130	COM W	SCHRAN
	21785	CONF	3	3~5	тн	166	COM W	PARRISH
ECON		HESIS RESEAF	CH.					
	0 . 0 .	UNITS						
	*SECTIO	DN 1 IS EXCL N 2 IS EXCLU		FOR MASTER				
	21792	CONF	<b>#1</b>	10-12	М	20	COM W	FLANDERS
	21803	CONF	<b>*</b> 2	3-5	TH	245	COM W	STAFF

## EDUCATION

DEPARTMENT OFFICE 110 EDUCATION	DEPARTMENT	OFFICE		110	EDUCATION
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			COURSE	S FOR UNDE	RGRADUATES		
EDUC	100	EDUCATION	PRACTICUM	١.			
	4 HO	URS					
	21811	DISC	1	8-10	M W	125	DKH
	21828	DISC	2	10-12	M W	125	DKH
	21835	DISC	3	10-12	M W	317A	DKH
	21842	DISC	4	9-11	TU TH	317A	DKH
	21850	DISC	5	9-11	TU TH	328	DKH
	21867	DISC	6	10-12	TU TH	125	DKH
	21874	DISC	7	10-12	TU TH	8	COM W
	21881	DISC	8	11-1	TU TH	389	EDUC
EDUC	199	UNDERGRADE	JATE OPEN	SEMINAR.			

EDUC 199 UNDERGRADUATE OPEN SEMINAR.
\*MAY BE REPEATED.
\*O TO 9 HOURS
21899 CONF ARR

## EDUCATION ADMINISTRATION

DEPARTMENT DEFICE

EDUCATION BUILDING

## COURSES FOR GRADUATES

ED AD 430 ELEMENTARY SCHOOL ORGANIZATION AND ADMINISTRATION.
INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE. PREREQUISITE: CONSENT OF INSTRUCTOR.

I UNIT

21900 LECT-DISC 7-9PM

1 EDUC

WESTON

INSTRUCTIONAL SUPERVISION. ED AD 438

PREREQUISITE: EL. ED. DR SE. ED. 439 AND ED. AD. 460.

1 UNIT

21917 LECT-DISC TU

33 EDUC

SERGIOVANNI

ADMINISTRATION AND SUPERVISION OF JUNIOR AND SENIOR HIGH ED AD 440

SCHOOLS.

INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE. PREREQUISITE: ED. AD. 460 OR CONSENT OF INSTRUCTOR.

1 UNIT

21924

7-9PM M

33 EDUC RAUBINGER

ED AD 449

INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.

\*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS. \*1/2 OR 1 UNIT

ARR 21931 CONF

LECT-DISC

STAFF

PUBLIC CONTROL AND ADMINISTRATION OF EDUCATION. NOT OPEN TO EXPERIENCED ADMINISTRATION OF EDUCATION.

NOT OPEN TO EXPERIENCED ADMINISTRATORS OR TO ANY STUDENTS WHO HAVE
TAKEN ANY OF THE FOLLOWING COURSES (OR EQUIVALENT): ED. AD. 430,
440, 461, 462, 464, 465, 466.

1 LINET

21949

1 FCT-DISC

TU

7-9PM TU 162 EDUC

MILLER

ADMINISTRATION OF EDUCATIONAL PROGRAMS AND PERSONNEL.

PREREQUISITE: ED. AD. 460, AND 430 OR 440.

1 UNIT 21956

LECT-DISC

5-9

389 EDUC

CARVER AND MCGREAL

FIELD PROBLEMS IN EDUCATIONAL ADMINISTRATION.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

\*SECTION H IS FOR STUDENTS IN SPECIAL EDUCATION ONLY.
\*SECTION V IS FOR STUDENTS IN VOCATIONAL AND TECHNICAL ARR

EDUCATION ONLY.

CONE 21963 21971

CONE

STAFF TOML INSON

SCHOOL-COMMUNITY RELATIONS. ED AD 468

1 UNIT 21988

LECT-DISC

\* V

7-9PM M

25 EDUC

SHIMPTION

LEGAL BASIS OF SCHOOL ADMINISTRATION. 9 LE

21995 LECT-DISC 7-9PM

TH

382 EDUC

SHMPTION

ED AD 470 PRINCIPLES AND RESOURCES FOR SCHOOL PLANT PLANNING.

PREREQUISITE: ED. AD. 460.

1 UNIT 22008

LECT-DISC

7-9PM

W 28 EDUC RURNHAM

ED AD 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.

OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION FOR THE DEGREES OF PH.D. OR ED. D.

1 TO 2 UNITS

22015 CONF

STAFF

1 FIELD STUDY AND THESIS SEMINAR. LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY. FD AD 491 1 TO 2 UNITS

22022 CONF

STAFF

THESIS RESEARCH. ED AD 499 O TO 4 UNITS 22030 CONF

STAFF

#### EDUCATIONAL PRACTICE

#### DEPARTMENT OFFICE

EDUCATION BUILDING

ADMISSION TO EDUCATIONAL PRACTICE (STUDENT TEACHING): ADMISSION TO STUDENT TEACHING IS LIMITED TO THOSE STUDENTS WHO ARE IN GOOD STANDING IN A TEACHER EDUCATION CURRICULUM APPROVED BY STANDING IN A TEACHER EDUCATION CORRICULOM APPROVED BY
THE URBANA-CHAMPAIGN COUNCIL ON TEACHER EDUCATION. APPROXIMATELY
ONE YEAR PRIOR TO THE SCHOOL YEAR IN WHICH THEY CAN BE EXPECTED TO
ENROLL IN AN EDUCATIONAL PRACTICE COURSE, ELIGIBLE STUDENTS WILL
HAVE MAILED TO THEM AN INVITATION TO APPLY FOR A TENTATIVE STUDENT
TEACHING ASSIGNMENT IN THE PUBLIC SCHOOLS. THESE APPLICATIONS MUST BE COMPLETED AND PROCESSED PROMPTLY THROUGH THE APPROPRIATE OFFICE OF STUDENT TEACHING. STUDENTS WHOSE APPLICATIONS ARE APPROVED WILL ENROLL FOR THE FOLLOWING SCHOOL YEAR. CANDIDATES FOR UNIVERSITY OF ILLINDIS TEACHER-EDUCATION DEGREES MUST COMPLETE EDUCATIONAL PRACTICE AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN.
EDUCATIONAL PRACTICE IS A PART OF THE PROFESSIONAL SEMESTER AND IS GENERALLY TAKEN DURING EITHER THE FALL OR SPRING SEMESTER OF THE DEGREE CANDIDATE'S SENIOR YEAR.

EDUCATIONAL PRACTICE IS UNDER THE GENERAL SUPERVISION OF THE ILLINOIS TEACHING EXPERIENCES LABORATORY. HOWEVER, THE FOLLOWING SEPARATE OFFICES OF STUDENT TEACHING HAVE DEVELOPED SPECIFIC REQUIREMENTS FOR THEIR STUDENTS:

SECONDARY EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242. PHYS. ED. WOMEN ALSO ENROLL IN ED. PR. 238, SECTION D. MUSIC CANDIDATES ALSO ENROLL IN ED. PR. PR. 230, SECTION U. MUSIC CANDIDATES ASSU ENROLL IN ED. PR. 238, SECTION V. SPEECH CORRECTION CANDIDATES ENROLL IN ED. PR. 220, SECTION B. STUDENTS WISHING TO ENROLL IN THE LIBRARY SCIENCE SECTION OF ED. PR. 242 AS WELL AS IN THEIR TEACHING MAJOR MUST FILE APPLICATIONS WITH THE HEAD SUPERVISOR OF EACH FIELD.

ELEMENTARY EDUCATION -- CANDIDATES ENROLL IN ED. PR. 232.

SECTION A.

SPECIAL EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 220. CANDIDATES PURSUING A DEGREE IN THE EDUCATION OF EDUCABLE MENTALLY HANDICAPPED MUST ENROLL IN ED. PR. 220, SECTION C AND IN ED. PR. 232, SECTION B. VOCATIONAL AND TECHNICAL EDUCATION-CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242 EXCEPT AGRICULTURAL EDUCATION DEGREE CANDIDATES WHO ENROLL IN VOTEC. 276.

## COURSES FOR ADVANCED UNDERGRADUATES

EDUCATIONAL PRACTICE IN THE EDUCATION OF EXCEPTIONAL CHILDREN. ED PR 220 PREREQUISITE: SENIOR STANDING, CONSENT OF DEPARTMENT.

2 TO 5 HOURS

2 10 3 HOURS \*SECTION A--MENTALLY RETARDED. 3 HOURS \*SECTION B--SPEECH CORRECTION. STUDENTS WHO HAVE NOT COMPLETED \*SECTION B--SPEECH CORRECTION. STUDENTS WHO HAVE NOT COMPL SP. ED. 324 MUST ENROLL IN IT DURING THEIR STUDENT-TEACHING

SEMESTER. 5 HOURS.

\*SECTION C--MENTALLY RETARDED. 5 HOURS. \*SECTION E--EMOTIONALLY DISTURBED.

220470 PRACT \*A ARR PRACT \*8 ARR 22054 22061 PRACT \*C ARR 22079 PRACT \*F ARR

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ED PR 232
                      EDUCATIONAL PRACTICE IN ELEMENTARY EDUCATION.
              PREREQUISITE: EL. ED. 233, EL. ED. 237, AND SENIOR STANDING.
               2 TO 5 HOURS
               *SECTION A IS FOR STUDENTS IN GENERAL ELEMENTARY CURRICULUM.
               5 HOURS
               *SECTION B IS FOR STUDENTS IN EXCEPTIONAL CHILDREN CURRICULA.
               3 HOURS.
              MUST BE TAKEN CONCURRENTLY WITH EL. ED. 230.
           22086
                                          * A
* B
           22093
                            PRACT
                                                        ARR
              B EDUCATIONAL PRACTICE FOR SPECIAL FIELDS IN ELEMENTARY SCHOOLS. PREREQUISITE: FOR STUDENTS IN THE EARLY CHILDHOOD CURRICULUM,
ED PR 238
              EL. ED. 334 IS REQUIRED; CONSENT OF INSTRUCTOR.
              3 OR 4 HOURS
                                            P.E. FOR MEN, REQUIRES REGISTRATION IN SE. ED.
241, SECTION A AND ED. PR. 242, SECTION A.
P.E. FOR WOMEN, REQUIRES REGISTRATION IN SE.
ED. 241, SECTION D AND ED. PR. 242, SECTION D.
ART REQUIRES REGISTRATION IN ED. PR. 242
              3 HOURS
              3 OR 4 HOURS
                                        D
              4 HOURS
                                              SECTION K.
                                             SECTION K.
MUSIC, REQUIRES REGISTRATION IN SE. ED. 241,
SECTION V, AND ED. PR. 242, SECTION V.
LIBRARY SCIENCE, REQUIRES REGISTRATION IN
SE. ED. 241, AND ED. PR. 242, SECTION 4,
OR EL. ED. 333 AND ED. PR. 232.
              3 HOURS
              3 HOURS
           22104
                             PRACT
                                               Α
                                                        ARR
           22111
                             PRACT
                                               D
                                                         ARR
           22129
                             PRACT
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ARR

ARR

22136

22143

PRACT

PRACT

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ED PR 242
                  EDUCATIONAL PRACTICE IN SECONDARY EDUCATION.
            PREREQUISITE: SE. ED. 240 AND SENIOR STANDING.
            2 TO 5 HOURS
            2 OR 5 HOURS
                                     P.E. FOR MEN, REQUIRES REGISTRATION IN
                                      SE. ED. 241, SECTION A.
HEALTH EDUCATION, REQUIRES REGISTRATION IN
            2 OR 5 HOURS
                                      SE. ED. 241, SECTION A. P. E. FOR WOMEN, REQUIRES REGISTRATION IN
            3 OR 5 HOURS
                                      SE. ED. 241, SECTION D.
EDUCATIONAL MEDIA, REQUIRES REGISTRATION IN
            3 OR 5 HOURS
                                      SE. ED. 241.
            3 OR 5 HOURS
                                      BIOLOGY, REQUIRES REGISTRATION IN SE. ED. 241,
                                      SECTION F.
            3 OR 5 HOURS
                                      CHEMISTRY, REQUIRES REGISTRATION IN SE. ED. 241,
                                      SECTION F.
                                      GENERAL SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS F1 OR F2. PHYSICS, REQUIRES REGISTRATION IN SE. ED. 241
            3 OR 5 HOURS
            3 OR 5 HOURS
                                      SECTION F.
            3 OR 5 HOURS
                                      SOCIAL STUDIES, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS J1, J2, OR J3. ART, REQUIRES REGISTRATION IN ED. PR. 238
            3 OR 5 HOURS
                                  K
                                      SECTION K.
                                      ENGLISH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS LI, L2, L3, L4, L5 OR L6.
SPEECH, REQUIRES REGISTRATION IN SE. ED. 247.
            3 OR 5 HOURS
                                  L
            3 OR 5 HOURS
            3 OR 5 HOURS
                                      FPENCH, REQUIRES REGISTRATION IN SE. ED. 241,
                                  N
                                      SECTIONS NI, N2, OR N3.
LATIN, REQUIRES REGISTRATION IN SE. ED. 241,
            3 OR 5 HOURS
                                      SECTIONS N1, N2, OR N3.
            3 OR 5 HOURS
                                  р
                                      SPANISH, REQUIRES REGISTRATION IN SE. ED. 241.
                                      SECTIONS N1, N2, OR N3.
GERMAN, REQUIRES REGISTRATION IN SE. ED. 241,
            3 OR 5 HOURS
                                      SECTIONS NI, N2, OR N3.
HOME ECONOMICS, REQUIRES REGISTRATION IN
            5 HOURS
                                      SE. ED. 241. HOME ECONOMICS SECTION R.
                                      INDUSTRIAL EDUCATION, REQUIRES REGISTRATION
            3 HOURS
                                      IN SE. ED. 241, INDUSTRIAL EDUCATION SECTION S. MATH, REQUIRES REGISTRATION IN SE. ED. 241,
            3 OR 5 HOURS
                                  T
                                      SECTION T.
                                      MUSIC, REQUIRES REGISTRATION IN SE. ED. 241,
SECTIONS V1 OR V2.
BUSINESS EDUCATION, REQUIRES REGISTRATION IN
            3 HOURS
            5 HOURS
                                     SE. ED. 241, SECTION W.
RUSSIAN, REQUIRES REGISTRATION IN SE. ED. 241,
SECTIONS N1, N2, OR N3.
            3 OR 5 HOURS
                                 X
            3 OR 5 HOURS
                                      LIBRARY SCIENCE, REQUIRES REGISTRATION IN
                                      SE. ED. 241.
         22151
                        PRACT
                                       Α
                                                APD
         22168
                        PRACT
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                                               ARR
         22175
                        PRACT
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                                                ARR
         22182
                        PRACT
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                        PRACT
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                        PRACT
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         22201
         22218
                        PRACT
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         22225
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         22232
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                        PRACT
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         22321
         22339
                        PRACT
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         22346
                        PRACT
                                               ARR
         22353
                        PRACT
                                               ARR
         22361
                        PRACT
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ARR

22378

PRACT

# ED PR 250 SCHOOL AND COMMUNITY EXPERIENCES.

2 HO	UR S			
SECT	AP E MEN	SECT	JSOC STUD	SECT RHOME ECON
	BSPCH CORR		KART	SIND ED
	CHEALTH		LENGLISH	TMATH
	DP E WOMEN		MSPEECH	VMUSIC
	EEDUCATIONAL	MEDIA	NFRENCH	WBUS ED
	FBIOLOGY		OLATIN	XRUSS
	GCHEMISTRY		PSPANISH	YLIB SCI
	HGEN SCI		QGERMAN	ZELEM ED
	IPHYSICS			
22385	PRACT	Α	ARR	
22392	PRACT	В	ARR	
22403	PRACT	C	ARR	
22411	PRACT	D	ARR	
22428	PRACT	E	ARR	
22435	PRACT	F	ARR	
22442	PRACT	G	ARR	
22450	PRACT	H	ARR	
22467	PRACT	I	ARR	
22474	PRACT	J	ARR	
22481	PRACT	K	ARR	
22499	PRACT	L	ARR	
22500	PRACT	M	ARR	
22517	PRACT	N	ARR	
22524	PRACT	0	ARR	
22531	PRACT	P	ARR	
22549	PRACT	Q	ARR	
22556	PRACT	R	ARR	
22563	PRACT	S	ARR	
22571	PRACT	Ŧ	ARR	
22588	PRACT	٧	ARR	
22595	PRACT	W	ARR	
22606	PRACT	X	ARR	
22613	PRACT	Υ	ARR	
22621	PRACT	Z	ARR	

## EDUCATIONAL PSYCHOLOGY

DEPARTMENT OFFICE

EDUCATION BUILDING

# COURSES FOR ADVANCED UNDERGRADUATES

#### EDPSY 211 EDUCATIONAL PSYCHOLOGY. PREREQUISITE: PSYCH. 100.

3 HOURS

3 HOURS
\*OPEN ONLY TO STUDENTS REGISTERED FOR STUDENT TEACHING. SECTIONS
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
&G HONORS SECTION--FOR JAMES SCHOLARS, STUDENTS WHO HAVE RECEIVED
CLASS OR UNIVERSITY HONORS, OR STUDENTS WHO HAVE RECEIVED CONSENT
OF THE INSTRUCTOR.

STUDENTS ENROLLED IN SECTION A MUST ALSO BE CONCURRENTLY ENROLLED
IN SECTION 16 OF HP. ED. 201. THE CONTENT OF THE TWO COURSES WILL
BE COORDINATED SO THAT STUDENTS WILL UNDERSTAND THE RELATIONSHIP
BETWEEN PSYCHOLOGICAL PRINCIPLES AND THE FOUNDATIONS OF AMERICAN

SECONDARY EDUCATION.

22781	LECT-DISC	Α	9-12	TU	21	DKH
22638	LECT-DISC	В	9	M W F	162	EDUC
22645	LECT-DISC	C	10	N W F	162	EDUC
22652	LECT-DISC	D	11	M W F	162	EDUC
22660	LECT-DISC	D1	11	M W F	150	ARMORY
22677	LECT-DISC	E	1	M W F	143	ARMORY
22684	LECT-DISC	F	2	M W F	150	ARMOR Y
22773	CONF	£ G	3	M W F	162	EDUC
22691	LECT-DISC	*A1	8	MTUWTHE	143	ARMORY
22702	LECT-DISC	*B1	9	MTUWTHE	143	ARMORY
22710	LECT-DISC	*82	9	MTUWTHE	2	EDUC
22727	LECT-DISC	*C1	10	MTUWTHE	150	ARMORY
22734	LECT-DISC	*C2	10	MTUWTHE	143	ARMORY
22741	LECT-DISC	*D2	11	MTUWTHE	143	ARMORY
22759	LECT-DISC	÷χ	12	MTUWTHE	162	EDUC
22766	LECT-DISC	*E1	1	MTUWTHE	19	DKH

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CHILD DEVELOPMENT FOR ELEMENTARY TEACHERS.
EDPSY 236
          PREREQUISITE: PSYCH. 100.
          3 HOURS
                                                                162 EDUC
192 EDUC
1 EDUC
21 D K H
150 ARMORY
19 D K H
        22798
                    LECT-DISC A
LECT-DISC B
                                                           E
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        22809
                                           0
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        22816
                   LECT-DISC C
                                          10
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        22823
                    LECT-DISC
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                                          11
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                                                      W
                                                          F
                   LECT-DISC
                                                          F
        22831
        22848
                   LECT-DISC
                                           2
                                                    М
                                                          E
                   LECT-DISC
        22855
                                                                 150 ARMORY
EDPSY 249 INDEPENDENT STUDY.
          PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
          POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES
          THE WORK.
          THE WG...
2 HOURS
CONF
                                       ARR
        22862
            THESIS.
EDPSY 291
          PREREQUISITE: SENIOR STANDING
          2 HOURS
                                       ARR
        22870
                    CONE
             THESIS.
         PREREQUISITE: SENIOR STANDING.
          2 HOURS
        22887
                    CONF
                       COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
          PSYCHOLOGY OF LEARNING FOR TEACHERS.

PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE,
          AND ED. PSY. 211.
2 HOURS OR 1/2 UNIT
          *RECOMMENDED FOR STUDENTS IN CROSS-CULTURAL INTERNATIONAL
          EDUCATION.
                  LECT-DISC A
                                                                 162 EDUC
        22894
                                                                                        BLAIR
                                          1-3
                  LECT-DISC B
LECT-DISC C
LECT-DISC D
LECT-DISC *E
LECT-DISC *F
LECT-DISC S
                                                     TU
        22905
                                          1-3
                                                                 1
                                                                       EDUC
                                                                                        SIMPSON
        22912
                                          4-6
                                                     TU
                                                                       EDUC
                                                                                        LONG
                                                      W
W
                                          1-3
                                                                 162
                                                                       FOLIC
        22920
                                                                                        JONE S
        22951
                                          4-6
                                                                 162
                                                                       EDUC
                                           7-9PM
                                                                  2 EDUC
2 EDUC
        22937
                                                                                        JONES
        22944
                                         11-1
                                                            5
          MENTAL HYGIENE AND THE SCHOOL.
PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE,
          AND ED. PSY. 211.
          2 HOURS OR 1/2 UNIT
                                                    M
                   LECT-DISC A
        22969
                                           4-6
                                                                 162 EDUC
                                                                                       SHOEMAKER
        22976
                    LECT-DISC
                                В
                                           1-3
                                                                      EDUC
                                                                                       SHOEMAKER
                                                                 166
                  LECT-DISC B
LECT-DISC C
LECT-DISC D
LECT-DISC E
LECT-DISC S
                                                                  2
        22983
                                                                       FDUC.
                                                                                        JONES
                                           4-6
        22991
                                           7~9PM
                                                       W
                                                                 192 EDUC
150 ARMORY
                                           1-3
                                                        TH
        23003
        23011
                                                            0
                                           0-11
                                                                  2 FDUC
EDPSY 313
               PROGRAMMED INSTRUCTION.
          PREREQUISITE: ED. PSY. 311.
          4 HOURS OR 1 UNIT
                   LECT-DISC
                                          1-3
                                                    TU
EDPSY 326
                INTRODUCTION TO VOCATIONAL REHABILITATION COUNSELING.
          PREREQUISITE: CONSENT OF INSTRUCTOR.
          2 HOURS OR 1/2 UNIT
        23035
                   LECT-DISC
                                                    TII
                                                               442 M H
                                                                                        MOSES
                                          1-3
EDPSY 339
               CORRECTIVE READING.
                SAME AS EL. ED. 339.
          PREREQUISITE: EL. ED. 336 OR 338.
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MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR. 23042 LECT-DISC U 4-6 TU 10 EDUC 23050 LECT-DISC H 4-6 W 10 EDUC 23067 LECT-DISC I 4-6 TH 10 EDUC

3 HOURS OR 1 UNIT

EDPSY	PREREQUI AND SP. 3 HOURS	ED. 324, OF OR 1 UNIT	NT OF INS	STRUCTOR 392 OR PS	AND SIX HOU	RS OF	PSYCHOL OGY	
	*LABORAT 23074 23081	ORY HOURS T LECT-DISC LECT-DISC	O BE ARRA A B	*8-10 *4-6	M W TU TH	125 125	E P G B E P G B	NEWLAND MCGUIRE
EDPSY	390 ELE 3 HOURS	MENTS OF EE	UCATI ONAL	L STATIST	rics.			
	23099 23100	LECT-DISC LECT-DISC	A B	1-3 4-6	M W M W TU TH	125 166	D K H EDUC	
	23117	LECT-DISC	С	1-3	TU TH	2	EDUC	
EDPSY	391 CON PREREQUI	STRUCTION A SITE: ED. P	ND USE OF	TESTS I	N TEACHING.			
	4 HOURS 23124	OR 1 UNIT LECT-DISC		4-6	ТН	162	EDUC	GRONLUND
EDPSY	PREREQUI 4 HOURS	SITE: ED. F	'SY. 211 (	OR 236.	OF MEASUREM			
	*FOR STU 23149 23131	DENTS IN CO LECT-DISC LECT-DISC	DUNSEL ING. *A B	1-3 1-3	M W	389 192	E DU C E DU C	KACZKOWSKI GRONŁUND
			COUR	RSES FOR	GRADUATES			
EDPSY	I HALL T	SITE: ED. F	SY. 311 A	AND 312.				
	23156 23163	LECT-DISC	A B	4-6 1-3	W TH	1 166	EDUC EDUC	WEST BLAIR
EDPSY	1 UNIT	SITE: ED. P	SY. 311 A	AND 312.				
	23171 23188	LECT-DISC LECT-DISC	A B	1-3 7-9 PM	M W	1 382	EDUC	C OHE N GOUL ET
EDPSY	413 SOC PREREQUI 1 UNIT	IAL PSYCHOL SITE: ED. P	OGY AND T	THE PROBL 312 AND	EMS OF EDUC 390.	AT I ON	•	
	23195	LECT-DISC		1-3	W	1	EDUC	SIMPSON
EDPSY	414 THE PREREQUI 1 UNIT	PSYCHOLOGY SITE: A COU	OF COLLE	EGE TEACH	ING.	F INS	TRUCTOR.	
		LEC T-DISC		1-3	F	1	EDUC	SIMPSON
EDP SY	FOR ED.	CHOLOGICAL SITE: ED. P D. OR PH. [	SY. 311 A	ND 312.	TO EDUCATIO 411 OR 412,	N. CAND	I DACY	
	1 UNIT 23213	LECT-DISC	A	1-3	TU	385	E DUC E DUC	BLAIR
						505	2000	
EDPSY	422 BAS PREREQUI 1 UNIT	STITE: FO. P	SV. 311 A	AND 312.				
	23238	LECT-DISC		1-5	М	36	COM W	MA SUCCI ZACCARIA
EDPSY	PREREQUI CONSENT 2 UNITS	ERVISED PRA SITE: MASTE DF FACULTY	RS DEGREE COMMITTEE	IN GUID	ANCE AND			
	*LAB HOU 23252	RS TO BE AF	RANGED.	9-11	м	385	EDUC	DELANEY
	23260 23277 23245	CONF CONF CONF	*B *C D AR	10-12 10-12 RR	M M TU	6 385	COM W	MOSES PATTERSON MCGUIRE

EDPSY	425 PR	INCIPLES OF	GUIDAN	r.F.				
60131	*CREDIT	IS NOT GIVE		OTH ED. PSY	325 AND	425.		
	*1 UNIT 23284	LECT-DISC	Δ	7-9PM	W	166	EDUC	ZACCARIA
	23291	LECT-DISC		1-3	TH.			KACZKOWSKI
EDPSY	427 PR	INCIPLES AND	TECHN	IQUES OF GRO	UP GUIDAN	CE.		
	OR CONS	ISITE: ED. F ENT OF INSTE	PSY. 31 PUCTOR.	1, 312, 422,	423, AND	EITHE	R 325 OR 425,	
	1 UNIT							
	23302	LECT-DISC LAB	A A	1-3 4-6	TU TU	6	COM W	
	23310	LECT-DISC	В	1-3	TH	6	COM W	MASUCCI
		LAB	В	4-6	TH	6	COM W	
EDPSY	/20 TIII	F ANAL WETE 1		05 000110471	CANAL TAKED	DHATIO	N IN GUIDANCE	
EDEZA		E ANALYSIS A OGRAMS.	IND OZE	UF UCCUPATI	UNAL INFU	KMAIIU	N IN GUIDANCE	
	PREREQU 1 UNIT	ISITE: ED. F	PSY. 42	5 OR AN INTE	RODUCTORY	COURSE	IN COUNSELING.	
	23327	LECT-DISC		1-3	TH	1	EDUC	ZACCARIA
EDPSY	429 FI	ELD INSTRUCT	ION IN	COUNSEL ING.	,			
	PREREQU.	ISITE: ED. F	SY . 42	2 AND 424 () 424 MAY BE (	NITH CONSE	NT OF	INSTRUCTOR,	
	1 OR 2			424 MAI DE C	ONCORRENT	, .		
	23334	PRACT		ARR				STAFF
EDPSY		MINAR IN REH ISITE: ED. P		ATION COUNSE	LING.			
	*MAY BE	REPEATED FO	OR A MA	XIMUM OF ONE	UNIT.			
	*1/2 UN 23341	LECT-DISC		1-3	TH	28	COM W	MOSES
		2000			• • • •	20		7.0020
EDPSY	449 IN	DEPENDENT ST	TUDY.					
	PREREQU	ISITE: APPRO	VAL OF	STUDY OUTL		ISER A	ND THE	
				TO ENROLLME XIMUM OF TWO				
	*1/2 OR	1 UNIT						
	23359 23366	CONF	A 1 A 2	ARR ARR				ALEAMONI R ANDERSON
	23373	CONF	В	ARR				BECKER
	23381 23398	CONF	B 1 C	ARR ARR		-		CHADBOURN
	23409	CONF	C 1	ARR				COHEN
	23416 23423	CONF	D D1	ARR ARR				J DANIELS DELANEY
	23431	CONF	D 2	ARR				DENNY
	23448 23455	CONF		ARR ARR				GOULET
	23462	CONF	Н	ARR				HASTINGS
	23470 23487	CONF CONF	I J	ARR ARR				I SAACS R JONES
	23494	CONF CONF	K	ARR				KACZKOWSKI
	23505	C ONF	L M	ARR				LONG
	23520	CONF	M1	ARR				MASUCCI
	23537 23544	CONF	M2	ARR				D MCGUIRE MOSES
	23551	CONF	M 3 N	ARR				NE WLAND
	23569	CONF	P	ARR				PATTERSON
	23576 23583	CONF	P1 P2	ARR				D PHILLIPS J PHILLIPS
	23591	CONF	S	ARR				SHOEMAKER
	23601 23619	CONF	S 1 S 2	ARR				R SIMPSON SPENCER
	23626	CONF	S 3	ARR				STAKE
	23633 23641	CONF	S 4 T	ARR ARR				STALLINGS TATSODKA
	23658	CONF	W	ARR				WARDROP
	23665 23672	CONF	W1 W2	ARR ARR				WEST ZACCARIA
	23680	CONF	W3	ARR				STAFF
	23697	CONF	X	ARR				MED STAFF

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EDPSY 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
          OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION
          FOR THE DEGREES OF PH.D. OR ED.D.
          O TO 2 UNITS
       23708
                   LECT-DISC
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        23715
                    LECT-DISC
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                                       ARR
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       23722
                    LECT-DISC
                                       ARR
                                                                                      PHILLIPS J
                    LECT-DISC
                                       ARR
                                                                                      DELANEY
       23730
                                D
                    LECT-DISC
                                       ARR
                                                                                      LONG
       23747
                                E
       23754
                   LECT-DISC
                                       10-12
                                                    TH 242 EDUC
                                       ARR
       23761
                   LECT-DISC
                               G
                   LECT-DISC H
                                      ARR
                                                                                      GOULET
       23779
       .91 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
          1 TO 2 UNITS
                                     ARR
                                                                                      STAFF
       23786
                  CONE
         STATISTICAL METHODS IN EDUCATION.
PREREQUISITE: ED. PSY. 390.
          1 UNIT
          *LABORATORY HOURS TO BE ARRANGED.
       *Laboratory Hours to be arranged.
23793 LECT-DISC A *1-3 M W 166 EDUC
23804 LECT-DISC B *1-3 TU TH 389 EDUC
              THEORY OF EDUCATIONAL EVALUATION.
         PREREQUISITE: ED. PSY. 496.
          1 UNIT
                                         1-3
                                                        F 162 EDUC
                   LECT-DISC
       23811
EDPSY 499
              THESIS RESEARCH.
        0 TO 4 UNITS
3829 CONF
                                                                                      ALEAMONI
       23829
                               Α
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       23836
                               Al
                                                                                      R ANDERSON
       23843
                               В
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       23851
                               8.1
                                       ARR
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       23868
                                       ARR
                                                                                      CHADBOURN
       23875
                               C1
                                       ARR
                                                                                      COHEN
       23882
                   CONF
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                                       ARR
                                                                                      J DANIEL
       23890
                    CONF
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                                       ARR
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       23901
                   CONF
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                                       ARR
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       23918
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                                       ARR
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                   CONF
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                    CONF
       23940
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                   CONF
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                   CONF
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                   CONF
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       24009
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       24055
                    CONF
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       24062
                   CONF
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R SIMPSON

STALLINGS

TATSUOKA

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MED STAFF

WARDROP

STAKE

WEST

STAFF

155 E E B

#### COURSES FOR UNDERGRADUATES

WIRING AND ILLUMINATION. E E PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR. \*ENGINEERING STUDENTS RECEIVE NO CREDIT. \*3 HOURS

24169 LECT

E E UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS 24176 LECT N ARR

## COURSES FOR ADVANCED UNDERGRADUATES

O BASIC ELECTRICAL ENGINEERING.
PREREQUISITE: PHYCS. 106 AND 107, AND MATH 143.
\*CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260. ELECTRICAL
ENGINEERING STUDENTS RECEIVE NO CREDIT. E E 220

*3 HOURS								
24183	DISC	M1	9-1020	TU TH	169	Ε	E	В
24191	DISC	B 2	9	M W F	59	Е	E	В
24201	DISC	P1	1030-12	TU TH	169	Ε	Е	В
24219	DISC	01	11	M W F	57	E	Е	В
24226	DISC	D2	11	M W F	59	Е	E	В
24233	DISC	X1	12	MWF	260	E	E	В
24241	DISC	E 1	I	M W F	59	Е	Е	В
24258	DISC	S 1	2-320	TU TH	59	Е	E	В
24265	DISC	H1	4	M W F	162	Ε	Е	В
24272	DISC	H2	4	M W F	57	E	E	В

9 INTRODUCTION TO ELECTROMAGNETIC FIELDS.
PREREQUISITE: PHYCS. 107 AND MATH. 345. EE 229

3 HOURS \*SECTION ED IS AN HONORS SECTION.

24280	DISC	A1	8	M	M	F	269	Ε	E	8
24297	DISC	B 1	9	М	W	F	260	Ε	Ε	В
24308	DISC	D1	11	M	W	F	260	Ε	Ε	В
24315	DISC	El	1	M	W	F	250	E	Ε	В
24322	DISC	E 2	1	M	W	F	57	E	Ε	В
24330	DISC	F1	2	M	W	F	269	Е	Е	В
24347	DISC	G 1	3	M	W	F	260	Е	Ε	В
24354	DISC	H1	4	M	W	F	170	Е	Ε	В
24361	DISC	0.3*	8	M	W	F	162	Ε	Е	В

KLOCK

E E 230

O APPLICATION AND CONTROL OF MOTORS AND EQUIPMENT. PREREQUISITE: E. E. 220. \*\*ELECTRICAL EMOINEERING STUDENTS RECEIVE NO CREDIT.

\*2 HOURS

24379 DISC 8 TU TH 57 E E B 59 E E B 59 E E B L.1 DISC TU TH 24386 L2 8 DISC TU TH 24393 R1 1

E E

POWER EQUIPMENT LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 230.
\*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.

\*1 HOUR
STUDENTS MUST REGISTER IN LECTURE AND ANY ONE LAB

2100EMI2	MU31	REGISTER	TIA FECTOVE	AND ANT UNE	LAD				
24404	LECT	A	9	TH	269	Ε	Ε	В	
24411	LAB	M	9-11	TU	50E	Ε	Ε	В	
24429	LAB	N	12-2	TU	50E	E	Ε	В	
24436	LAB	0	3-5	TU	50 E	E	Ε	В	
24443	LAB	P	9-11	TH	50E	Ε	Ε	В	
24451	LAB	Q	12-2	TH	50E	E	Ε	В	
24468	LAB	R	8-10	S	50 E	Ε	Ε	В	

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FF
                 ELECTRONICS AND ELECTRONICS APPLICATIONS.
           PREREQUISITE: E. E. 220.
           *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
           *2 HOURS
         24475
                                   L1
                                                         TU TH
                      DISC
                                   L2
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         24482
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                                   RI
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         24490
                      DISC
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         24501
                      DISC
                                   R2
                                                                     169
           B ELECTRONICS LABORATORY.

PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 232.

*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
E E
        233
           *1 HOUR
                                              9-12
         24518
                      LAB
         24525
                      LAB
                                   N
                                              2-5
                                                         TU
                                                                     236
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                                              9-12
                                                            TH
         24532
                      LAB
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         24540
                      LAB
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                                                             TH
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         24557
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                                              8-11
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E E
                ELECTRICAL INSTRUMENTS AND MEASUREMENTS.
           PREREQUISITE: E. E. 220.
           *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
           *2 HOURS
         24564
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                                                         TU TH
                                                                     170 E E B
                                                                     260 E E B
         24571
                      DISC
                                   L2
                                              8
                                                         TU TH
                                                         TU TH
         24589
                      DISC
                                   R1
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                                              1
                ELECTRICAL MEASUREMENT LABORATORY.
E E
           PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 234. *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
           *1 HOUR
                      LAB
         24596
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                                              2-5
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         24607
                      LAB
                                   N
                                                         TU
         24614
                      LAB
                                   0
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                                                                      50J E E B
         24621
                      LAB
                                   D
                                              8-11
                                                                      50J E E B
E E
                PROJECT LABORATORY.
           PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING AND
           CONSENT OF INSTRUCTOR.
             TO 4 HOURS
           *SECTION P IS INTEGRATED CIRCLUT PROJECTS FOR 2 HOURS CREDIT.
                     CONF
                                         ARR
         24639
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                                 *P
         24646
                     CONF
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           ELECTRICAL ENGINEERING LABORATORY, I.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 220 OR 260.
E E
        251
           1 HOUR
                     MUST REGISTER IN LECTURE AND IN ANY ONE LAB.
LECT A 9 TU 269 E E B
           STUDENTS
         24653
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                                             10-12
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         24661
                      LAB
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                      LAB
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         24685
                      LAB
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                      LAB
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                      LAB
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                      LAB
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                      LAB
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         24735
                      LAB
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                NETWORKS, I.
E E
        260
           PREREQUISITE: PHYCS. 107; CREDIT OR REGISTRATION IN C. S. 101,
E. E. 251, AND MATH. 345.
*CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260.
           *3 HOURS
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NETWORKS, II.
PREREQUISITE: E. E. 260, MATH. 345, AND C. S. 101.
          3 HOURS
          *SECTION &C IS AN HONORS SECTION.
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E E 271 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
         0 TO 4 HOURS
         *SECTION &B IS ELECTROMECHANICAL FORCES AND MOTION FOR 3 HOURS
         CREDIT.
         *SECTION E1 IS MUSICAL ACOUSTICS AND ELECTRONIC MUSIC FOR 2 HOURS
         CREDIT
         *SECTION M2 IS ULTRASONIC TECHNIQUES FOR 3 HOURS CREDIT.
         *SECTION NI IS ANTENNAS AND ANTENNA SYSTEMS FOR 3 HOURS CREDIT.
         *SECTION TI IS FOR RESOURCES FOR ELECTRICAL ENGINEERING FOR 1 HOUR
         CREDIT
       24895
                   DISC
                              * & B
                                                               59
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                                                                                    BEAUCHAMP
       24906
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                   DISC
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         PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
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         O TO 4 HOURS
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       24952
                   CONE
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FF
              ECONOMIC ASPECTS OF ENGINEERING.
         PREREQUISITE: JUNIOR STANDING IN ENGINEERING
         OR CONSENT OF INSTRUCTOR.
         3 HOURS
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               INTRODUCTION TO THE THEORY OF DIGITAL MACHINES.
FF
      294
         SAME AS C. S. 294.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS.
         3 HOURS
       25004
                  LECT
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                                                   TU TH
                                                              253 M F B
                                                                                    PAV
             HONORS PROJECT.
FF
         PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
          1 TO 4 HOURS
       25011
                  CONF
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ΕE
              HONORS SEMINAR.
         PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
         1 TO 4 HOURS
         *SECTION &P1 AND &P2 ARE ELECTRONIC INSTRUMENTATION FOR 2 HOURS
         CREDIT.
         *SECTION &R1 IS COMPUTER-GUIDED EXPERIMENTATION FOR 2 HOURS CREDIT.

1029 DISC *&P1 2 TU TH 170 F F B
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50M E E B
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                   LAB
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262

E E 299 THESIS. O TO 3 HOURS 25051 CONF K1 ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

O SYSTEMS, I.
PREREQUISITE: E. E. 262.
3 HOURS, OR O TO 3/4 UNIT E E M W W M W M W 25068 81 DISC 9 F EEB 169 1.1 F FFB 25075 D1 169 25082 DISC X 1 12 F 169 F F B E 1 H1 H2 F 25090 DISC -1 141 FFB 25101 25118 F DISC 4 169 FFB 269 E F B DISC 4 М G CIRCUIT LABORATORY.
PREREQUISITE: E. E. 251 AND 262; CREDIT OR REGISTRATION IN E E E. E. 350. 1 HOUR, OR 0 OR 1/4 UNIT 9-12 12-3 25125 LAB TU 132 E E B N TU 25132 LAB 132 EEB 25140 LAB 0 132 E E B TH TH TH 25157 9-12 132 E E B 12-3 25164 E F B 132 25171 25189 3-6 132 E E B 132 E E B 9-12 4 INTRODUCTION TO NETWORK SYNTHESIS.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 310. E E 3 HOURS, OR O TO 1 UNIT M W F 170 E E B 25196 DISC D1 1.1 E E MAGNETIC CIRCUITS AND TRANSFORMERS. PREREQUISITE: E. E. 229 AND 262. 3 HOURS, OR 0 OR 3/4 UNIT \*SECTION &B IS AN HONORS SECTION. \*SECTION &B IS AN HUNDRS SECTION 25207 DISC \*&B 8 25261 DISC \*&B 8 25214 DISC C1 10 25221 OISC X1 12 25229 DISC X2 12 25239 DISC F1 2 25253 DISC G1 3 57 E E B 59 E E B 57 E E B TURNBULL 57 E E B 162 E E B 57 E E B 57 E E B 331 MAGNETIC CIRCUITS AND TRANSFORMER LABORATORY.
PREREQUISITE: E. E. 251; CREDIT OR REGISTRATION IN E. E. 330.
I HOUR, OR 0 OR 1/4 UNIT EE 9-12 TU 12-3 TU 3-6 TU M N 25278 LAB 50K E E B 25285 LAB 50K E E B TU LAB D
LAB P
LAB Q
LAB R
LAB S 25292 50K E E B TH TH 25303 9-12 50K E E 25311 12-3 50K E TH 25328 50K E E 25335 9-12 50K F F B E E ELECTRICAL MACHINERY.
PREREQUISITE: E. E. 330 AND 331, CREDIT OR REGISTRATION IN E. E. 333. 3 HOURS, OR O OR 3/4 UNIT 1 M W F E1 162 F F 8 25342 DISC 333 ELECTRICAL MACHINERY LABORATORY. FF PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 332. 1 HOUR, OR O OR 1/4 UNIT 25350 LAB M 25367 LAB N 9-12 TH 50F F F B 50F E E B 12-3 TH ADVANCED ANALYSIS OF ELECTRIC POWER EQUIPMENT. PREREQUISITE: E. E. 330 AND 331.
4 HOURS, OR 0 OR 1 UNIT
25374 DISC C1 10

10 M W F

162 E E B

```
O ELECTRONICS, I.
PREREQUISITE: PHYCS. 108 AND E. E. 260.
3 HOURS, OR 0 OR 3/4 UNIT
           *SECTION &D IS AN HONORS SECTION.
         25381
                                                               W F
                                                                         257 E E B
                       DISC
                                A 1
                                                 В
         25399
                       DISC
                                     Cl
                                                10
                                                           м
                                                              W F
                                                                          257
                                                                                EEB
         25400
                       DISC
                                     D1
                                                11
                                                            М
                                                               W
                                                                   £
                                                                          141
                                                                                Ε
         25417
                       DISC
                                     X1
                                                12
                                                           М
                                                               W
                                                                          170
                                                                                Е
         25424
                       DISC
                                     Х2
                                                12
                                                           М
                                                               W
                                                                   F
                                                                          141
                                                                                ۶
         25431
                       DISC
                                     Fl
                                                           М
                                                                   F
                                                                          169
                                                                                Е
                                                                                   E
         25449
                       DISC
                                     Gl
                                                 3
                                                           М
                                                                   F
                                                                          169
                                                                                E
                                                                                   E
                                                                                     R
         25456
                       DISC
                                     H1
                                                                   F
                                                                          141
                                                                                E
                                    480
                                               11
         25463
                      DISC
                                                                          162
                ELECTRONICS EXPERIMENTATION.
FF
       341
          PREREQUISITE: E. E. 251. CREDIT OR REGISTRATION IN E. E. 340. I HOUR, OR O OR 1/4 UNIT STUDENTS MUST REGISTER IN ONE LECTURE AND IN ANY ONE LAB.
         25471
                  LECT
                                               8
                                                                        269
                                                                                FFB
                                     Δ
                                                             TU
                       LECT
         25488
                                     В
                                                             TU
                                                                          269
                                                                                FFR
         25495
                      LAB
                                     Ł
                                                 4-6
                                                                          235
                                                                                Е
                     LAB
         25506
                                     М
                                                2-4
                                                                          235
                                                                                Е
                                                 8-10
                                                            TH
         25513
                                     Ν
                                                                          235
                                                                                Ε
         25521
                                    0
                                               10-12
                                                            TU
                                                                          235
                                                                                Ε
                                               12-2
2-4
4-6
         25538
                                     p
                                                             TU
                                                                          235
                                                                                Ε
         25545
                                     Q
                                                             TU
                                                                          235
         25552
                                     R
                                                             TU
                                                                          235
         25560
                                     S
                                                8-10
                                                             TH
TH
TH
                                                                          235
         25577
                                               10-12
                                                                          235
                                               12-2
         25584
                                     U
                                                                          235
                                                                                Е
                                                2-4
         25591
                                                                TΗ
                                                                          235
                                                                                Ε
         25602
                                                 4-6
                                                                TH
                                                                          235
                                     W
         25610
                                     X
                                                 8-10
                                                                 S
                                                                          235
                                                                                E
                                                                                  F B
         25627
                                               10-12
                                                                    S
                                                                         235
                                                                                FFB
                                                                  F
        25634
                                                4-6
                                                                          235 F F B
                 ADVANCED ELECTRONICS.
E E
         PREREQUISITE: E. E. 262, 340, AND 341.
3 HOURS, OR 0 OR 3/4 UNIT
                       DISC
                                 A1
                                                8
                                                                         254
                                                                               EEB
         25659
                       DISC
                                     Cl
                                               10
                                                           М
                                                                   F
                                                                          254
                                                                                Ē
         25666
                       DISC
                                     D1
                                               11
                                                                   F
                                                                          269
                                                                                F
                                     X 1
         25673
                       DISC
                                               12
                                                                   F
                                                                          254
                                    FI
                                               2
         25681
                      DISC
                                                           М
                                                               W
                                                                          254
                                                                                E E
         25698
                      DISC
                                    Н1
                                                 4
                                                                          250
          3 ELECTRONICS LABORATORY
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 342.
1 HOUR, OR 0 OR 1/4 UNIT
E E
         25709
                 DISC M
                                                 3-6
                                                                          238
                                                                                EEB
                                               9-12
12-3
                                                            TU
         25716
                       DISC
                                     Ν
                                                                          238
         25723
                       DISC
                                     0
                                                            TU
                                                                          238
                                                                                Е
                      DISC
DISC
DISC
DISC
         25731
                                     Р
                                                3-6
                                                            TU
                                                                          238
         25748
                                     R
                                                 3-6
                                                                          238
         25755
                                     R
                                                 9-12
                                                                TH
                                                                          238
         25762
                                               12-3
                                                               TH
                                                                          238
         25770
                   DISC
                                                3-6
                                                                TH
                                                                          238
                                                                                Е
                                                                          238
         25787
                                                 9-12
                                    U
E E
                 THEORY AND FABRICATION OF SOLID STATE DEVICES.
       344
          THEORY AND FABRICATION OF SOLID STATE DEVICES.
PREREQUISITE: E. E. 340.
4 HOURS OR 1 UNIT
STUDENTS MUST REGISTER IN ONE DISC AND ONE LAB.
*STUDENTS SELECTING LAB F2 MUST REGISTER IN DISC AL.
*STUDENTS SELECTING LAB F3 MUST REGISTER IN DISC EL.
STUDENTS SELECTING LABS F1, B1 OR B2 MAY SELECT EITHER DISC A1 OR
           E1.
                                                           M W F
M W F
M
         25794
                      DISC
                                    A 1
                                                                          170
         25805
                       DISC
                                     E 1
                                                 1
                                                                          170
                                                                                E E B
         25812
                                     Fl
                                                 2-5
                       LAB
                                                                          133
                                                                                Е
         25820
                      LAB
                                     В1
                                                 9-12
                                                            TU
                                                                          133
         25844
                      LAB
                                    *F2
                                                 2-5
                                                          TU
                                                                         133
                                                               TH
         25837
                                     В2
                                                 9-12
                      LAB
                                                                         133
                                                                                E E
                                                                                     В
```

STREETMAN

E E 340

2-5

\*F3

25851

LAB

TH

133 E E B

```
7 INDUSTRIAL ELECTRONICS.
PREREQUISITE: E. E. 330 AND 342.
**CREDIT IS NOT GIVEN FOR BOTH E. E. 347 AND E. E. 381.
**4 HOURS, OR O OR 1 UNIT
STUDENTS MUST REGISTER IN THE DISCUSSION AND IN ONE LAB.
 E E
         25869 DISC G1
25876 LAB M
                                              3 M W F 162 E E B
8-11 TH 50N E E B
         25883
                      LAB
                                               12-3
                                                               TH
                                                                          50N F F B
                 NONLINEAR ELECTRONIC CIRCUITS.
 EE
          PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 342.
3 HOURS, OR 3/4 OR 1 UNIT
                                                         M W F 162 E E B
         25891 DISC
                                 81
EE
             LINES, FIELDS, AND WAVES.
            PREREQUISITE: E. E. 229 AND 262.
            3 HOURS OR 3/4 UNIT
         25901 DISC
                                     В1
                                                                  F
                                                                         254
                                                                               E E B
                       DISC
                                     Dl
                                                                   F
                                                                         254
         25919
                                                11
         25926
                       DISC
                                                                  F
                                                                         254
                                    El
                                                           М
                                                                  F
         25933
                       DISC
                                     E2
                                                 1
                                                                         269
                                                                                 Ε
         25941
                       DISC
                                     Gl
                                                                         254
                                                                               E E
         25958
                      DISC
                                    Н1
                                                                         254
                ELECTROMAGNETIC FIELDS.
E E
         PREREQUISITE: E. E. 350.

3 HOURS OR 3/4 UNIT

*SECTION &P IS AN HONORS SECTION.
25965 DISC 01 11
        352
                                                       M W F M W F M W F M W F
                                                                         257
                                                                              E E B
                                                                         257
                                                                              E E B
                                                                         257
         25980
                       DISC
                                                                               E E
                                     X 1
                                                12
                                                1 2 3 2
         25997
                                    El
                                                                         257
                       DISC
                                                                               F F B
         26000
                      DISC
                                    F1
                                                                               FFR
                                   F1
G1
*&P
*&P
                                                          TU TH
TU TH
         26017
                      DISC
                                                                         257
                                                                              E E B
         26024
                      DISC
                                                                         260
                                                                              E E B
                                                                                                 DYSON
                                               2-5
                                                                         251
                                                                              FFR
                                                                                                 DYSON
        353 RADIO CIRCUITS.

PREREQUISITE: E. E. 341; CREDIT OR REGISTRATION IN E. E. 310.

4 HOURS, OR 0 OR 1 UNIT
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.
E E
                 DISC
                             C1
                                          10 M W F
         26031
                                                                         260
                                                                              E E B
         26049
                       DISC
                                                                         260
         26056
                      LAB
                                     M
                                                 3-6
                                                                         246
         26063
                      LAB
                                                9-12
                                                           TU
                                     N
                                                                         246
                                                                               Е
                                                                                  Е
         26071
                      LAB
                                     0
                                                2-5
                                                                         246
                                                           TU
                                                                               E E B
                                                              TH
         26088
                                     P
                                                9-12
                                                                         246
                                                                              E E B
                      LAB
         26095
                                    Q
                                                1-4
                                                               TH
                                                                         246
                                                                              F F B
                                                9-12
                                                                         246
                                                                              EEB
         26106
                                    R
           6 MICRO MAVE TECHNIQUES.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 352 OR 355.
1 HOUR, OR O OR 1/4 UNIT
FF
        356
                                                        TU
         26113 LAB M
26121 LAB N
26138 LAB O
                                                9-12
                                                                         251
                                                                               FFR
                                                           TU
W
TH
                                                2-5
2-5
                                                                         251
                                                                               EΕΒ
         26138
                       LAB
                                     0
                                                                         251
                                                                               EEB
                      LAB
         26145
                                     Ρ
                                                9-12
                                                                         251
                                                                              FFR
        357 RADIO ASTRONOMY.
E E
           SAME AS ASTR. 357.
PREREQUISITE: PHYCS. 108.
           3 HOURS OR 1 UNIT
         26152
                    LECT
                                               10
                                                                       160 M E B
                                                                                                SWENSON
               INTRODUCTION TO NOISE AND INFORMATION TRANSMISSION.
FF
         PREREQUISITE: E. E. 310.
3 HOURS, OR 3/4 OR 1 UNIT
26160 DISC C1
         26160
                                               9-1020
                                                          TU TH
                                                                         141 E F B
E E
                 ACTIVE NETWORKS.
         PREREQUISITE: E. E. 342.
3 HOURS OR 3/4 UNIT
26177 DISC E1
                                                      M W F
                                               1
                                                                       169 E E B
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SYMMETRICAL COMPONENT ANALYSIS OF POWER SYSTEMS.
F E
           PREREQUISITE: E. E. 350.
3 HOURS, OR O OR 1 UNIT
6184 DISC F1
         26184
                                                  2
                                                              M W F 162 E E B
       381 PULSE TECHNIQUES.

PREREQUISITE: E. E. 342.

*CREDIT IS NOT GIVEN FOR BOTH E. E. 347 AND E. E. 381.

*4 HOURS, OR O OR 1 UNIT

*4 HOURS, OR OF THE TRANSPORT OF T
F F
            STUDENTS MUST REGISTER IN ONE DISUCSSION AND IN ANY ONE LAB.
                                            10 M W F
9-12 TU
12-3 TU
         26191
                       DISC C1
                                                                              269 E E B
         26202
                                                                              234
                                                                                    FFR
         26210
                        LAB
                                       N
                                                                              234
                                                                                     Е
         26227
                      LAB
                                       Ω
                                                   9-12
                                                                    TH
                                                                              234 E E B
234 E E B
                                                 1-4
         26234
                                       Р
                                                                    TH
           TRANSISTOR CIRCUITS.

PREREQUISITE: E. E. 340, 342 AND 343, CREDIT OR REGISTRATION IN E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.

4 HOURS OR 1 UNIT
            STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.
         26241 DISC
26259 DISC
                               B1 9 M W F 269 E E B
G1 3 M W F 269 E E B
                                       М
                                                   9-12 TU
2-5 TU
                                                                              241 E E B
241 E E B
         26266
                       LAB
                      LAB
                                      N
         26273
           3 TRANSISTOR CIRCUITS.
PREREQUISITE: E. E. 342 AND 343, CREDIT OR REGISTRATION IN
E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT
FF
         26281 DISC 81
26298 DISC G1
                                                   Q
                                                              M W F 269 E E B
M W F 269 E E B
                                                   3
        384 PROPERTIES OF SOLIDS.
            SAME AS MET. E. 384.
PREREQUISITE: PHYCS. 383
           PREREQUISITE: PHYCS. 3883
3 HOURS OR 3/4 UNIT
*SECTION &B IS AN HONORS SECTION.
8309 LECT-DISC A 8
6316 LECT-DISC B 9
5323 LECT-DISC C 11
5531 LECT-DISC *68 9
         26309
                                                                              403
                                                            MWF
                                                                              119 M M B
         26316
                                                                              151 E E B
57 E E B
         26323
                                                                                                        GADDY
         26331
                THEORY OF SEMICONDUCTOR COMPUTER DEVICES.
FF
                  SAME AS C. S. 385.
           PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING,
            OR CONSENT OF INSTRUCTOR.
            3 HOURS, OR 3/4 OR 1 UNIT
                        LECT-DISC M1
                                                              TU TH
         26348
                                                830-10
                                                                             254 E E B
                                                                                                         FAIMAN
                 FUNDAMENTALS OF SERVOMECHANISMS.
           PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING, OR
           CONSENT OF INSTRUCTOR.
            4 HOURS, OR O OR 1 UNIT
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.
                   DISC E1 1 M W F 260 E E B
DISC H1 4 M W F 260 E E B
         26355
         26362
                                                  12-3 TU
3-6 TU
                                       М
                        LAB
         26370
                                                                              233
                                                                                     FFB
         26387
                        LAB
                                       N
                                                                              233
                                                                                     FFR
                        LAB
                                                                              233 E E B
233 E E B
         26394
                                       0
         26405
                       LAB
                                       Р
                                                   9-12
                                                                    TH
                INTRODUCTION TO QUANTUM ELECTRONICS FOR ELECTRICAL ENGINEERS.
           PREREQUISITE: PHYCS. 383.
           3 HOURS OR 1 UNIT
         26412
                                      A 1
                                                 8
                                                          M W F
                                                                            260 E E B
E E
        389 COMMUNICATION DESIGN.
          PREREQUISITE: E. E. 342 AND E. E. 350.
3 HOURS, OP O OR 3/4 UNIT
26420 DISC C1 10 M W F
26437 DISC F1 2 M W F
         26420 DISC
26437 DISC
                                                                             141 E E B
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391 BOOLEAN ALGEBRA AND SWITCHING THEORY. EE SAME AS C. S. AND MATH 391. PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 5444 LECT-DISC C1 10 5451 LECT-DISC D1 11 245 E E B MUROGA 245 E E B MULLER 26444 245 W M W F 26451 392 INTRODUCTION TO AUTOMATA THEORY. E E SAME AS C. S. AND MATH. 392.

PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT 26469 LECT-DISC NI 1030-12 TU TH 156 ADMIN HOHN EE DIGITAL COMPUTER CIRCUIT DESIGN. SAME AS C. S. 393. PREREQUISITE: E. E. 342 AND C. S./E. E. 294 OR 391, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 26476 LECT-DISC B 9 217 M E L MURRELL FF 394 LOGICAL DESIGN OF AUTOMATIC DIGITAL COMPUTER CIRCUITS. SAME AS C. S. 394.

PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 26483 LECT-DISC C M W F 10 143B M E B ROBERTSON 7 PROJECTS AND LECTURES IN QUANTUM ELECTRONICS.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR; E E RECOMMENDED E. E. 387. 3 HOURS, OR O TO 1 UNIT 26491 DISC K COURSES FOR GRADUATES SEMINAR. F F 400 REQUIRED OF ALL GRADUATE STUDENTS.
O CREDIT U 26501 LECT TH 151 E E B 412 ADVANCED ENGINEERING MEASUREMENTS. EE 1 UNIT DISC ARR 26519 K1 PEIRCE 5 CONTROL SYSTEM THEORY AND DESIGN.
PREREQUISITE: E. E. 386 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. E E 1 UNIT 26526 DISC C. 10 M W F 335 F F B PERKINS E E ANALYSIS OF NETWORKS AND SYSTEMS. 416 PREREQUISITE: E. E. 322, CREDIT OR REGISTRATION IN MATH. 346 OR 348. 1 UNIT DISC 141 E E B 26533 Α R F FETT 26541 DISC G 3 E 59 F F B HADDAD EE 1 UNIT DISC ELECTRIC AND MAGNETIC FIELDS. 26558 A 8 335 E E B EMERY E E ELECTROMAGNETIC WAVES AND RADIATING SYSTEMS. PREREQUISITE: E. E. 352. 1 UNIT 26565 DISC DISC В 335 E E B 269 E E B MAYES LO M W F 9 12 Х E E 23 GASEOUS ELECTRONICS AND PLASMAS.
PREREQUISITE: PHYCS. 362 AND E. E. 420 OR EQUIVALENT. 1 UNIT 26580 DISC G M W F 335 E E B 3 VERDEYEN & CHERRINGTON

E E	428 ANALYSIS OF NO SAME AS T.A.M.	NLINEAR SY	STEMS.			
	PREREQUISITE: MATH.		CONSENT OF	INSTRUCTO	OR.	
	1 UNIT 26597 LECT-DISC	В	9 1	4 W F	302C T I	WORLEY
	20371 ELCT 0130		,		3020 1 6	NOKELY
E E	431 THEORY OF GUID	ED WAVES.				
C L	PREREQUISITE: E.E.					
	1 UNIT 26608 DISC	N 103	10-12	TIL TH	335 E E B	KLOCK
	20000 0130	14 203	,0 12	10 111		KEOOK
E E	432 COMPOUND SEMIC	ONDUCTORS	(OPT I CAL	DEVICES).		
	PREREQUISITE: GRADU	ATE STANDI	NG IN ELE	CTRICAL EN	NGINEERING WITH	
	SOME BACKGROUND IN AND ELEMENTARY SEMI					
	1 UNIT					
	26615 DISC	L	8-920	TU TH	257 E E B	HOLONYAK
E E	435 THEORY OF SEMI SAME AS PHYCS.		AND SEM	CONDUCTOR	DEVICES.	
	PREREQUISITE: SENIO		URSE IN	QUANTUM ME	CHANICS OR ATOMIC	
	PHYSICS. 1 UNIT					
		R	1-230	TU TH	335 E E B	SAH
EE	440 ADVANCED POWER	CIRCUIT A	NALYSIS,	I.		
	1 UNIT 26630 DISC	K ARF	2			HELM
	20000					
E E	451 ADVANCED NETWO	RK SYNTHES	SIS.			
	PREREQUISITE: E. E.			, AND CREDI	IT OR REGISTRATION	
	IN MATH. 346. 1 UNIT					
	26647 DISC	E	1 !	4 W F	335 E E B	TRICK
EE	PREREQUISITE: E. E.			TVAL ENT		
	1 UNIT	300 UK 41	IS UK EQUI	IVALENI.		
	26654 DISC	D 1	11 !	4 W F	335 E E B	KUO
€E	463 INFORMATION TH		443			
	SAME AS C. S. PREREQUISITE: MATH.			•		
	1 UNIT 26661 LECT-DISC	01 1		4 M 6	145 A H	WOLFOWITZ
	50001 FEC1-D12C	UI I		1 W F	145 A R	MOCLOMIII
E E	465 TOPICS IN AUTO	MATA THEOR	. v .			
E E	SAME AS C. S.	AND MATH.	465.			
	PREREQUISITE: C. S. 1 UNIT	, E. E. OR	R MATH. 39	2, OR CONS	SENT OF INSTRUCTOR.	
	26679 LECT-DISC	D1 1	.1 1	4 W F	241 A H	METZE
EΕ	472 QUANTUM ELECTR					
	PREREQUISITE: PHYCS 1 UNIT	. 381.				
		F	2 1	4 W F	59 E E B	COLEMAN
ΕE	475 IONOSPHERIC RA					
	PREREQUISITE: E. E. 1 UNIT	420 OR EG	QUIVALENT.	•		
	26693 DISC	C 1	10	4 W F	59 E E B	LIU

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SEMINAR IN SPECIAL TOPICS.
490
   PREREQUISITE: ADVANCED STANDING AND CONSENT OF INSTRUCTOR.
   0 TO 1/2 UNIT
   SECTION A IS AERONOMY.
   SECTION B IS ANTENNAS.
   SECTION C IS BIOLOGICAL COMPUTERS. SECTION D IS BIOACOUSTICS.
   SECTION E IS CHARGED PARTICLES.
SECTION F IS OPTICAL ELECTRONICS.
   SECTION G IS ELECTRO-PHYSICS.
   SECTION H IS GASEOUS ELECTRONICS AND PLASMAS.
   SECTION I IS IONOSPHERICS.
SECTION J IS RADIO ASTRONOMY.
   SECTION K IS SEMICONDUCTORS AND SOLID STATE DEVICES.
   SECTION L IS INFORMATION SCIENCE.
SECTION M IS COGNATIVE MEMORY.
SECTION N IS CONTROL AND OPTIMIZATION.
   SECTION O IS SPEECH PROCESSING.
SECTION P IS RADIOLOGATION.
   SECTION Q IS CONTROL SYSTEMS.
        LECT
                         Α
                                             TU
                                                         269 E E B
                                                                                 SECHRIST
 26704
 26711
                          В
                                ARR
                                                                                 DESCHAMPS AND
                                                                                 MITTRA
 26729
             LECT
                         С
                                                                                 VONFOERSTER
 26736
            LECT
                                ARR
                                                                                 DUNN AND FRY
                          Đ
                                                                                 HENDRICKS
                                ARR
 26743
                          Ε
 26751
             LECT
                         F
                                ARR
                                                                                 GADDY AND
                                                                                 HOLSHOWER
                          G
                                ARR
                                                                                 COLEMAN
26768
             LECT
26775
             LECT
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                                ARR
                                                                                 GOLDSTEIN AND
                                                                                 VERDEYEN
 26782
            LECT
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                               ARR
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26790
            LECT
                                ARR
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26801
             LECT
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                                                                                 BARDEEN SAH
                                                                                 AND HOLONYAK
            LECT
26818
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                                                       4122 C S L
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26825
             LECT
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26832
             LECT
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                                                                                 KOKOTOVIC
                                 ARR
 26840
             LECT
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                                                                                 BABCOCK
             LECT
 26857
                                 ARR
                                                                                 BAILEY
26864
             LECT
                          Q
                                 ARR
                                                                                 KUO
  FLECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
   O TO 1 UNIT
   *SECTION B IS ELECTROMECHANICAL FORCES AND MOTION FOR 1 UNIT
   CREDIT.
   26871
                                                                                TURNBULL
26889
                                                                                DUNN-O BRIEN
        INDIVIDUAL STUDY.
  PREREQUISITE: CONSENT OF INSTRUCTOR.
   1/2 TO 2 UNITS
 26896
             CONF
                         HWA
                                                                                 ADES
             CONF
                          FTA
26907
                                ARR
                                                                                 ADLER
                         DPA
 26914
             CONF
                                 ARR
                                                                                 AKITT
 26921
             CONF
                          WGA
                                ARR
                                                                                 ALBRIGHT
26939
             CONF
                         GFA
                                 APR
                                                                                 ANNER
            CONF
                                 ARR
                         RBA
 26946
                                                                                 ASH
             CONE
 26953
                         MIB
                                 ARR
                                                                                 BARCOCK
 26961
             CONF
                         DSB
                                 ARR
                                                                                 BARR
             CONF
 26978
                         ADB
                                 ARR
                                                                                 BAILEY
             CONF
26985
                          JB
                                ARR
                                                                                 BARDEEN
 26992
             CONF
                          JWB
                                 ARR
                                                                                 BEAUCHAMP
 27005
             CONE
                         DLB
                                 ARR
                                                                                 BITZER
27012
             CONF
                         SAB
                                 ARR
                                                                                 BOWHILL
 27020
             CONF
                          RMB
                                 ARR
                                                                                 BROWN
 27037
             CONF
                         RWB
                                 ARR
                                                                                 BURTNESS
 27044
             CONF
                         JHC
                                 ARR
                                                                                 CAHN
 27051
             CONF
                          BEÇ
                                 ARR
                                                                                 CHERRINGTON
27069
             CONF
                         RTC
                                 ARR
                                                                                 CHIEN
 27076
             CONF
                          PDC
                                 ARR
                                                                                 COLEMAN
 27083
             CONF
                         DHC
                                 ARR
                                                                                 COOPER
27091
             CONF
                         MHC
                                 ARR
                                                                                 CROTHERS
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FF

FF

E E

27101

27119

CONF

CONF

JMC

JBC

ARR

ARR

CROWLEY

CRU7

E E	498 C1	ONTINUED		
	27126	CONF	GAD	ARR
	27133 27141	CONF	AWD FD	ARR
	27158	CONF	JDD	ARR
	27165	CONF	PRE	ARR
	27172	CONF	WLE	ARR
	27180 27197	CONF	E WE GHF	ARR
	27208	CONF	F JF	ARR
	27215	CONF	OLG	ARR
	27222 27230	CONF	L G AHH	ARR
	27247	CONF	PH	ARR
	27254	CONF	DH	ARR
	27261	CONF	MSH	ARR
	27279	CONF	C DH F E H	ARR
	27286 27293	CONF	NH	ARR
	27304	CONF	DFH	ARR
	27311 27329	CONF	ECJ PWK	ARR
	27336	CONF	PK	ARR
	27343	CONF	вск	ARR
	27351	CONF	SWL	ARR
	27368 27375	CONF	CHL YTL	ARR
	27382	CONF	D M	ARR
	27390 27401	CONF	WM	ARR
	27401	CONF	PEM	ARR
	27418 27425	CONF	MSM EAM	ARR
	27432	CONF	HM	ARR
	27440	CONF	GAM	ARR
	27457	CONF	WEM	ARR
	27464 27471	CONF	RM DEM	ARR
	27489	CONF	TAM	ARP
	27496	CONF	SM	ARR
	27507 27514	CONF	JPN	ARR
	27521	CONF	GRP	ARR
	27539	CONF	WRP	ARR
	27546	CONF	DP	ARR
	27553 27561	CONF	WJP FPP	ARR
	27578	CONF	SRR	ARR
	27585	CONF	JER	ARR
	27592 27603	CONF	ČTS PFS	ARR
	27611	CONF	CFS	ARR
	27628	CONF	HGS	ARR
	27635	CONF	BGS	ARR
	27642 27650	CONF	GWS TNT	ARR
	27667	CONF	RJT	ARR
	27674	CONF	JTV	ARR
	27681	CONF	HMV	ARR
	27699 27700	CONF	N W H D W	ARR
	27717	CONF	KCY	ARR
	27724	CONF	х	ARR
FF	499	THESIS RESEA	RCH.	
	0 10	4 UNITS		
	27731	CONF	HWA	ARR
	27749 27756	CONF	FTA DPA	ARR
	27763	CONF	WGA	ARR
	27763 27771	CONF	GEA	ARR
	27788 27795	CONF	RBA MLB	ARR
	27806	CONF	ADB	ARR
	27813	CONF	18	ARR
	27821	CONF	JWB	ARR

27838

27845

27852

27860

CONF

CONF

CONF

CONF

DLB

SAB

RMB

RWB

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DESCHAMPS DIPERT DUNN DYSON EGBERT EMERY ERNST FETT FRY GADDY GOLDSTEIN HADDAD HANDLER HANG HELM HENDRICKS HOHN HOLONY AK HOLSHOUSER JORDAN KLOCK KOKOTOVIC KUO LEE LIU LO MAST MAYEDA MAYES MCVAY MECHTLY MERKELO METZE MILLER MITTRA MULLER MURRELL MUROGA NARAYANA RAC NEAL PEIRCE PERKINS PINES POPPELBAUM PREPARATA RAY ROBERTSON SAH SCHWARZLOSE SECHRIST SLOTTOW STREETMAN SWENSON TRICK TURNBULL VERDEYEN VON FOERSTEF WAX WEBB YEH OTHERS

ADES
ADLER
AKITT
ALBRIGHT
ANNER
ASH
BABCOCK
BAILEY
BRADEEN
BEAUCHAMP
BITZER
BOWHILL
BROWN
BURTNESS

Е	Е	499 CI	ONTINUED		
		27877	CONF	RHC	ARR
		27884	CONF	BEC	ARR
		27891	CONF	RTC	ARR
		27902	CONF	PDC	ARR
		27910	CONF	JBC	ARR
		27927	CONF	GAD	ARR
		27934	CONF	FD	ARR
		27941	CONF	100	ARR
		27959	CONF	WLE	ARR
		27966	CONF	E WE	ARR
		27973	CONF	GHF	ARR
		27981	CONF	FJF	ARR
		27998	CONF	OLG	ARR
		28001	CONF	L G	ARR
		28018	CONF	AHH	ARR
		28025 28032	CONF	P H DH	ARR ARR
		28040	CONF	MSH	ARR
		28057	CONF	CDH	ARR
		28064	CONF	FEH	ARR
		28071	CONF	NH	ARR
		28089	CONF	DFH	ARR
		28096	CONF	ECJ	ARR
		28107	CONF	PWK	ARR
		28114	CONF	PK	ARR
		28121	CONF	вск	ARR
		28139	CONF	SWL	ARR
		28146	CONF	CHL	ARR
		28153	CONF	YTL	ARR
		28161	CONF	WM	ARR
		28178	CONF	PEM	ARR
		28185	CONF	EAM	ARR
		28192	CONF	HM	ARR
		28203	CONF	GAM	ARR
		28211	CONF	WEM	ARR
		28228	CONF	RM	ARR
		28235	CONF	DEM	ARR
		28242	CONF	SM	ARR
		28250	CONF	TAM	ARR
		28267	CONF	NNR	ARR
		28274 28281	CONF	JPN WRP	ARR
		28299	CONF	DP	ARR
		28300	CONF	WJP	ARR
		28317	CONF	FPP	ARR
		28324	CONF	SRR	ARR
		28331	CONF	JER	ARR
		28349	CONF	CTS	ARR
		28356	CONF	PFS	ARR
		28363	CONF	HGS	ARR
		28371	CONF	GWS	ARR
		28388	CONF	TNT	ARR
		28395	CONF	JTV	ARR
		28406	CONF	HMW	ARR
		28413	CONF	NW	ARR
		28421	CONF	HDW	ARR
		28438	CONF	KCY	ARR
		28445	CONF	X	ARR

CAHN CHERRINGTON CHIEN COLEMAN CRUZ DESCHAMPS DUNN DYSON EMERY ERNST FETT FRY GADDY GOLD STEIN HADDAD HANDLER HANG HELM HENDRICKS HOHN HOLONYAK HOLSHOUSER JORDAN KLOCK KOKOTOVIC KUO LEE LO MAYEDA MAYES MECHTLY MERKELO METZE MILLER MITTRA MULLER MUROGA MURRELL NARAYANA RAO NEAL PERKINS PINES POPPELBAUM PREPARATA RAY ROBERTSON SAH SCHWARZLOSE SLOTTOW SWENSON TRICK VERDEYEN VON FOERSTER WAX WEBB YEH OTHERS

306 EDUC

### COURSES FOR ADVANCED UNDERGRADUATES

PRINCIPLES, PROBLEMS AND ISSUES IN ELEMENTARY EDUCATION.
PREREQUISITE: MUST BE TAKEN CONCURRENTLY WITH ED. PR. 232. EL ED 230 3 HOURS OPEN ONLY TO STUDENT TEACHERS. NOTE: FIRST MEETING FOR ALL SECTIONS IN ROOM 2 EDUCATION BUILDING. 28452 LECT-DISC 1 7-PM TH 7-PM 28460 LECT-DISC TH LECT-DISC 7-PM 28477 3 TH 7-PM 28484 LECT-DISC 4 TH 7-PM 28491 LECT-DISC 5 TH

2 EDUC 382 EDUC 385 EDUC 389 EDUC 143 ARMORY 150 ARMORY 28502 LECT-DISC 6 7-PM TΗ 153 28510 LECT-DISC 7 7-PM TH ARMORY 28527 LECT-DISC 8 7-PM TH EDUC 28534 LECT-DISC 9 7-PM TΗ COM W 28541 LECT-DISC 7-PM TH 8 COM W 10 11 28559 LECT-DISC 7-PM TH 11 COM W 28566 LECT-DISC 12 7-PM TH 20 COM W

EL ED 233 CLASSROOM PROGRAMS IN CHILDHOOD EDUCATION.
PREREQUISITE: JUNIOR STANDING, ED. PSY. 236.
2 HOURS

28573 LECT-DISC 3-5 TH 166 EDUC

EL ED 235 TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.

PREREQUISITE: JUNIOR STANDING.

3 HOURS.

\*WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

28598 LECT-DISC \*E 9-11 TU TH 153 ARMORY RODGERS 153 ARMORY 21 D K H ×Ε 3-5 W LECT-DISC R 1-3 TU RODGERS TH 1 21 D K H

EL ED 237 THEORY AND PROCESS IN ELEMENTARY SCHOOL TEACHING.
PREREQUISITE: ED. PSY. 236.

5 HOURS

LECT

1

THE PRACTICE SESSIONS ARE ONLY FOR THE SIX-WEEKS OBSERVATION PERIOD IN LOCAL SCHOOLS WHEN ALL SECTIONS WILL MEET 9-12 MTUWTHF. STUDENTS SHOULD EMPOLE IN ONE LAB-PRACTICE-LECTURE COMBINATION.

8-10 385 28609 IAR Δ1 TU EDUC M WTHE PRACT A1 9 ARR Al 10-12 ARR LECT 1 10-12 M W EDUC EASLEY 28616 1 48 A2 8-10 TH 385 **EDUC** MUUM F PRACT A2 9 ARR TU THE 10-12 ARR Δ2 M W 2 EDUC 1 FCT 1 10-12 FASIFY I AB 28623 B 1 8-10 TH 6 COM W PRACT В1 9 MTUWTHE ARP 10-12 B 1 TU THE ARR LECT 1 10-12 M W 2 FDUC FASI FY 28631 1 AB В2 8-10 COM W TH 6 PRACT В2 9 MTUWTHE ARR B2 10-12 TU THE ARR 10-12 EDUC 1 FCT 1 **FASLEY** 28648 LAB C1 10-12 TU 382 EDUC MTUWTHE PRACT CI 9 ARR 10-12 Cl TU THE ARR LECT 10-12 M W EDUC FASI FY 1 1 AB C.2 10-12 385 28655 TH **EDUC** MTUWTHE PRACT C 2 9 ARR ARR 10-12 TU THE C 2

M W

EDUC

FASIFY

10-12

EL EI	237 CONTI 28662	LAB PRACT	D1	10-12	TU MTUWTHE	15 ARR	ок н	SHORESMAN
		LECT	D1 2	10-12 10-12	TU THE	ARR 325	DКН	
		2201	2	10-12	W	212	DKH	
	28670	LAB PRACT	D2 D2	10-12 9	TH MTUWTHE	382 ARR	EDUC	
		LECT	D2 1	10-12 10-12	TU THE	ARR 2	& DU C	EASLEY
EL EC	PREREQU I	EPENDENT ST	CLASSMA	N. UPPER	5 PER CENT	OF CL	ASS IN GRADE	
	POINT AV	ERAGE, CONS	ENT OF A	DVISER AN	D STAFF ME	MBER W	HO SUPERVISES	
	2 HOURS 28687	CONF	A	RR				STAFF
EI EI	291 THE	SIS.						
		SITE: SENIO	R STANDI	NG.				
	28694	CONF	A	RR				STAFF
		COURSES	FOR ADV	ANCED UND	ERGRADUATE:	S AND	GRADUATES	
EL EC	222 001	NCIBLES AND	DDACTIC	EC EN ELE	MENTARY MA	THEMAT	ICS EDUCATION.	
EL	PREREQUI	SITE: MATH.	202 AND	203 OR E	QUIVALENT.			
	*THIS SE SCHOOL S	OR 1/2 OR CTION WILL TUDENT TEAC	NOT MEET HING PER	DURING T	HE EIGHT-WI	EEK EL	EMENTARY	
	28705	LECT-DISC	*R	1-3	TU TH	153	ARMORY	LERCH
EL ED		TEACHING O	F LANGUA	GE ARTS I	N THE ELEM	ENTARY	SCHOOL.	
	3 HOURS,	SITE: EL. E OR 1/2 TO Al. A2. C	1 UNIT			TEACHE	RS AND	
							UDENT TEACHING	
	28720 28737	LECT-DISC	<b>*</b> Δ2	8-10 8-10	M W F	150 153	ARMORY ARMORY	EVERTTS
	28744 28751 28712	LECT-DISC	*C *F Y	10-12 1-3 7-9PM	M W F M W F	153 153 126	ARMORY ARMORY COM W	EVERTTS
	28712	TEC1-DI2C	*	7-9PM	М	126	COM W	EAEKI12
EF ED	334 PRI PREREQUI	NCIPLES AND SITE: EL. E	PRACTIC	ES IN EAR	LY CHILDHO	DD EDU	CATION.	
	*WILL NO	SITE: EL. E OR 1/2 OR IT MEET DURI	NG ELEME	NTARY SCH	OOL EIGHT-	WEEK S	TUDENT	
	CURRICUL							
	28769 28776	LECT-DISC		430-630 1-3	M W F	166 328	D K H	KATZ
EL EC	335 SCI	ENCE IN THE	ELEMENT	ARY SCHOO	L.			
	SCIENCE.			OR EQUIVA	LENT; TWO	YEARS	OF COLLEGE	
	LABORATO	OR 1/2 UNIT RY WILL BE QUIRED OF A	OPEN DAI	LY. SEE	SCHEDULE AT	T LAB.	EXTRA LAB	
	*LECTURE	-LAB 1 OPEN	ONLY TO	STUDENTS	CONCURRENT	TLY EN	ROLLED IN	
	SECTION	S2.					B 2 OPEN ONLY B-DISC-LECTURE	
	PREREQUI	STUDENTS M SITES DO NO	T HOLD F	DR THESE	TWO SECTION	V5.		
		3 AND LAB	HING PER	IOD.				SHORESMAN
	28183	L ECT L A B	1 A	1-3 RR	М	46	EDUC	SHUKESMAN
	28791	L ECT LAB	2 2 A	1-3 RR	W	4G	EDUC	WELLER
	28801	LECT	3	10-12	τυ	4G	EDUC	
		LAB	3 A	RR				

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3 HOURS, OR 1/2 OR 1 UNIT

*SECTIONS A, C, C1 AND E WILL NOT MEET DURING EIGHT WEEK ELEMENTARY

*SECTIONS X, Y, AND Z WILL NOT MEET DURING THE SIX-WEEK

JUNIOR AND SENIOR HIGH SCHOOL STUDENT TEACHING PERIOD.
                                                                              PER IOD -
166 EDUC
192 EDUC
1 EDUC
166 EDUC
192 EDUC
25 EDUC
2 EDUC
3 EDUC
3 EDUC
4 EDUC
5 EDUC
5 EDUC
6 EDUC
7 EDUC
7 EDUC
8 EDUC
8 EDUC
8 EDUC
9 EDUC
9 EDUC
9 EDUC
9 EDUC
          28833
                       LECT-DISC *A
LECT-DISC *C
                                                   8-10
                                                             M W F
                                                                                                           SHORES
                                                    10-12
          28841
          28858
                         LECT-DISC *C1
                                                   11-1
                                                                         F
                                                               M W F
M W F
M W F
                         LECT-DISC C2
          28819
                                                   10
                                                                                                            KOENKE
                         LECT-DISC *E
                                                    1-3
          28865
                         LECT-DISC
                                                                                                            DURKIN
          28826
                         LECT-DISC *X
                                                    2-4
                                                                                                            KOENKE
          28872
                                       * X
                                                                         F
                                                                                                            KOENKE
                                                                TU TH
         28880
                         LECT-DISC *Y
                                                    8
                         LECT *Y
LECT-DISC *Z
                                                    8
                                                               М
                                       *Y
         28897
                                                    R
                                                                                  2 EDU€
                         LECT
                                       #2
                                                    8
                   ART EDUCATION IN THE ELEMENTARY SCHOOL.
EL ED 337
            PREREQUISITE: JUNIOR STANDING.
            3 HOURS OR 1/2 UNIT
             *SECTIONS A AND C WILL NOT MEET DURING EIGHT WEEK ELEMENTARY
             SCHOOL STUDENT TEACHING PERIOD.
                        LECT-DISC *A
          28930
                                                                MTUWTHE
                                                                                107
                         LECT-DISC *C
                                                    10
         28947
                                                                MTUWTHE
                                                                                62
                        LECT-DISC E
LECT-DISC E1
LECT-DISC F
                                                                               107 F A B
                                                                M W F
         28908
                                                    - 1
          28915
                                                                    W
                                                                                442
         28922
                                                                М
                                                                                107
                                                                                       FAR
                                                    2
                                                                    W
EL ED 338 TEACHING OF READING IN GRADES FOUR THROUGH TWELVE.
            SAME AS SE. ED. 338.
PREREQUISITE: JUNIOR STANDING AND EL. ED. 336 OR EDPSY. 211.
            3 HOURS, OR 1/2 OR 1 UNIT
         28954
                        LECT-DISC
                                                               M W F
                                                                               442 M H
                                                                                                           FR ICK SON
EL ED 339
                   CORRECTIVE READING.
            SAME AS EDPSY. 339.
PREREQUISITE: EL. ED. 336 DR 338.
             3 HOURS OR 1 UNIT
            MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR.
                   LECT-DISC U 4-6 TU 10 EDUC
LECT-DISC H 4-6 W 10 EDUC
LECT-DISC I 4-6 TH 10 EDUC
         28961
         28979
         28986
                                              COURSES FOR GRADUATES
EL ED 431
                 ELEMENTARY SCHOOL CLASSROOM PROGRAMS.
           1 UNIT
          28993
                        LECT-DISC
                                                    7-9PM
                                                                   W
                                                                             162 EDUC
                                                                                                          BARNES
            CLINICAL DIAGNOSIS AND REMEDIATION IN READING.
PREREQUISITE: EL. ED. 339 AND A COURSE IN INDIVIDUAL
EL ED 432
            MENTAL TESTING.
             *MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
            *1 UNIT
            STUDENTS MUST FILL OUT APPLICATION WITH EDUCATION READING CLINIC 10 EDUCATION BUILDING PRIOR TO ENROLLMENT.
         29006
                        LECT-DISC
                                                                                                            POWELL
                                                     4-6
                                                                М
                                                                                25 EDUC
```

5 PRIMARY READING.
PREREQUISITE: JUNIOR STANDING AND REGISTRATION IN A TEACHER

EL ED 336

EDUCATION CURRICULUM.

EL ED 433 CURRICULUM PROBLEMS AND TRENDS IN SPECIAL FIELDS OF ELEMENTARY EDUCATION.

PREREQUISITE: FOR ALL SECTIONS, EL. ED. 431 OR 434 OR CONSENT OF INSTRUCTOR; LANGUAGE ARTS SECTIONS, EL. ED. 333 AND 336 OR A COURSE IN THE TEACHING OF READING OR LANGUAGE ARTS, OR CONSENT OF IN THE TEACHING OF READING OR LANGUAGE ARTS, OR CONSENT OF INSTRUCTOR; CREATIVE ARTS SECTION, EL. ED. 337 OR CONSENT OF INSTRUCTOR; SCIENCE SECTION, EL. ED. 335 OR A METHODS COURSE IN TEACHING SCIENCE IN THE ELEMENTARY SCHOOL AND TWO YEARS OF COLLEGE SCIENCE, OR CONSENT OF INSTRUCTOR; READING SECTION, EL. ED. 336 OR COURSE IN TEACHING OF READING, OR CONSENT OF INSTRUCTOR; EARLY CHILDHOOD SECTION, EL. ED. 434, OR CONSENT OF INSTRUCTOR. 1 UNIT

\*SECTION A IS FOR LANGUAGE ARTS. SECTION D IS FOR ARITHMETIC.

\*SECTION F IS FOR READING.

4-6 TU 385 EDUC 7-9PM TH 162 EDUC S 389 EDUC LECT-DISC \*A LECT-DISC \*D MOORE 29013 LERCH 29021 29038 LECT-DISC \*F 10-12 DURKIN

PROGRAMS IN EARLY CHILDHOOD EDUCATION.

1 UNIT 29045 LECT-DISC

W

SPODEK

FL FD 437

1 FOT-DISC

7 METHODS OF CHILD STUDY.
PREREQUISITE: ED. PSY. 312 OF CONSENT OF INSTRUCTOR.

1 UNIT 29052

FUNDAMENTALS OF CURRICULUM DEVELOPMENT. EL ED 439 9 FU

29060 LECT-DISC 7-9PM M

7-9PM

385 EDUC

192 FDUC

36 COM W

SHORES

EL ED 449 INDEPENDENT STUDY.

PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.

\*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.

\*1/2 OR 1 UNIT

29077 CONF

GRADUATE STAFF

WORKSHOP IN CURRICULUM DEVELOPMENT. EL ED 459

1 TO 2 UNITS

THIS WORKSHOP IS FOR RESEARCH AND DESIGN IN CURRICULUM DEVELOPMENT.
THIS WORKSHOP IS DESIGNED ESPECIALLY FOR ADVANCED GRADUATE
STUDENTS IN EDUCATION INCLUDING CURRICULUM SPECIALISTS, SUPER-VISORS, AND PRINCIPALS. \*SECTION L IS FOR DEVELOPMENT OF CURRICULUM THROUGH THE USE

OF CHILDREN'S LITERATURE. \*SECTION U IS FOR URBAN EDUCATION. IT IS DESIGNED ESPECIALLY

FOR TEACHERS, CONSULTANTS, AND ADMINISTRATORS INTERESTED

OF CHILDREN.
\*\*SECTION U IS FOR URBAN EDUCATION U IS FOR TEACHERS, CONSULTANTS, AND ADMINISTRATION OF THE PROBLEMS INVOLVED IN URBAN EDUCATION.

IN PROBLEMS INVOLVED IN URBAN EDUCATION.

ORAL LECT-DISC \*G 7-9PM TU

7-9PM TH 162 EDUC 36 COM W 166 EDUC 29084 29091 29102

BARNES & LERCH EVERTTS RODGERS

EL ED 491

1 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.

1 TO 2 UNITS

29110 CONF GRADUATE STAFF

THESIS RESEARCH. EL ED 499 O TO 4 UNITS

29127 CONF

APP

GRADUATE STAFF

### ENGINEERING

DEPARTMENT OFFICE

101 E H

#### COURSES FOR UNDERGRADUATES

ENG	100 E	NGINEERING	LECTURE.			
	REQUIR	ED OF FRESH	MEN IN TH	E COLLEG	E OF ENGINEERING.	
	0 CRED	IT				
	29134	LECT	E	9	TH	AUDITOR IUM
	29141	LECT	F	10	TH	AUDITORIUM
	29159	LECT	AER	10	TH	AUDITORIUM
	29166	LECT	AGR	9	TH	AUDITORIUM
	29173	LECT	CER	9	TH	AUDITORIUM
	29181	LECT	CIV	10	TH	AUDITORIUM
	29198	LECT	EE	9	TH	AUDITORIUM
	29209	LECT	EM	10	TH	AUDITORIUM
	29216	LECT	GE	9	TH	AUDITORIUM
	29223	LECT	ME	9	TH	AUDITORIUM
	29231	LECT	ΙE	10	TH	AUDITORIUM
	29248	LECT	MET	10	TH	AUDITORIUM
	29255	LECT	PHY	10	TH	AUDITORIUM

ENG 101 COOPERATIVE ENGINEERING EDUCATION SEMINAR.

PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM.

0 CREDIT
29262 LECT-DISC 5 M 119 M M B OPPERMAN

ENG 102 COOPERATIVE ENGINEERING EDUCATION PRACTICE.

PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM.

O CREDIT

29270 PRACT ARR OP

OPPERMAN

#### ENGINEERING HONORS

DEPARTMENT OFFICE

101 E H

# COURSES FOR UNDERGRADUATES

ENG H 196 THE ENGINEER AND SOCIETY.

PREREQUISITE: FRESHMAN JAMES SCHOLAR.

2 HOURS
29287 LECT-DISC & 10-12 TH ARR

ENG H 197 THE ENGINEER AND HIS PROFESSION.

PREREQUISITE: FRESHMAN JAMES SCHOLAR.
1 HOUR
29294 LECT-DISC & 3-430

SC & 3-430 M 235 M E B PIGAGE

### COURSES FOR ADVANCED UNDERGRADUATES

ENG H 297 COLLEGE HONORS SEMINAR.

PREREQUISITE: JAMES SCHOLAR IN ENGINEERING OR
CONSENT OF INSTRUCTOR.

1 TO 4 HOURS

29305	LECT-DISC	8.E	11	M	F	302	T	В		PEARSON
29312	LECT-DISC	M.3	3-430	TU	TH	B222	C	E B	, /	MURTHA
29320	LECT-DISC	0.3	ARR							
29337	LECT-DISC	9.3	11	TU		302	T	В		PLECK
29344	LECT-DISC	2.3	8-10	TU	TH	206	T	В		STERN, KONZO
29351	LECT-DISC	¥3	1-3	TU		121	AC	GR E	NG	YOERGER

# ENGLISH LITERATURE AND AMERICAN LITERATURE DEPARTMENT OFFICE 100 E B

MAJOR: A COURSE IN SHAKESPEARE AND TWENTY ADDITIONAL HOURS IN ENGLISH, EXCLUDING 101, 102, 103, 115, 116, 195, 196, AND RHETORIC 101, 102, 107, 108, 202, 251, 271, 272. OF THESE TWENTY ADDITIONAL HOURS, SEVENTEEN MUST BE TAKEN IN ENGLISH OR AMERICAN LITERATURE, INCLUDING THREE HOURS FROM EACH OF THE FOLLOWING GROUPS: (1) AMERICAN LITERATURE: ENGLISH 255, 256. (2) CREDIT FOR BOTH ENGLISH 113 AND 114 MAY OFFER ENGLISH 272, 273, OR 336; (3) ENGLISH LITERATURE FROM 1616 TO 1800: ENGLISH 245, 342, 345, 346, 348, OR 349; (4) ENGLISH LITERATURE FROM 1600 TO THE PRESENT: ENGLISH 246, 263, 264, 281, 282, 283, OR 284.

PREREQUISITE TO THE ENGLISH MAJOR IS SIX SEMESTER HOURS OF INTRODUCTORY LITERATURE: ENGLISH 101 AND EITHER 102 OR 103, OR ENGLISH 195 AND 196. IF NECESSARY THESE COURSES MAY BE TAKEN CONCURRENTLY WITH ADVANCED COURSES.

MINORS: AN APPROVED SEQUENCE OF THENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POL. SCIENCE, PSYCHOLOGY, SOCIDLOGY, AND SPEECH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES UNLESS APPROVED BY THE ADVISOR WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THEIR DEPARTMENTS EXCEPT FRENCH 103, 104, GERMAN 103, 104, AND SPANISH 103, 104, FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED.

ENGLISH MAJORS WHO INTEND TO TEACH IN SECONDARY SCHOOLS MUST SEE THE ADVISER ON SPECIAL CURRICULA. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: THE ENGLISH DEPARTMENT OFFERS FIVE SPECIAL COURSES (197, 295, 296, 297, 298) WHICH CONSTITUTE THE HONORS PROGRAM. A FULL DESCRIPTION OF THIS PROGRAM MAY BE OBTAINED FROM THE DEPARTMENTAL OFFICES, THE DEPARTMENTAL DIRECTOR OF HONORS, OR FROM ANY MAJOR ADVISOR. A STUDENT MAJORING IN ENGLISH WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR BETTER) MAY EARN DISTINCTION ONLY BY SUCCESSFULLY COMPLETING ENGLISH 297, 298, AND ANY TWO OF THE OTHER THREE (197, 295, 296) HONORS SEMINARS IN ADDITION TO THE OTHER REMAINING REGULAR REQUIREMENTS FOR HIS MAJOR. A STUDENT ENROLLED IN THE TEACHER EDUCATION CURRICULUM MAY EARN DISTINCTION BY SUBSTITUTING ENGLISH 197 FOR ENGLISH 297 AND BY TAKING ENGLISH 298 DURING WHICHEVER SEMESTER OF HIS SENIOR YEAR HE IS ON CAMPUS THE FULL TIME.

THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE HONORS COMMITTEE, THE INSTRUCTORS IN THE HONORS SENIMARS, THE ENGLISH 208 TUTOR, AND SUCH OTHER FACULTY MEMBERS AS MAY BE ASKED TO READ THE HONORS ESSAY. TO RECEIVE HIGHEST DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE POINT AVERAGE OF 4.75 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGH DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.5. IF, IN THE OPINION OF THOSE DESIGNATED TO DETERMINE THESE MATTERS, A CANDIDATE FAILS TO EARN ANY KIND OF DISTINCTION, HE WILL STILL RECEIVE CREDIT FOR THE HONORS COURSES HE HAS TAKEN.

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Ł	NGL 101 II	NTRODUCTION T S	U PO	EIRY.			
	29369	LECT-DISC	A 1	8	MWF	147	ARMORY
	29376	LECT-DISC	A2	8	M W F	310	DKH
	29383	LECT-DISC	B 1	9	M W F	223	E B
	29391	LECT-DISC	Cl	10	M W F	240	LH
	29401	LECT-DISC	C2	10	M W F	252	MEB
	29419	LECT-DISC	DI	11		337	ARMORY
	29426	LECT-DISC	02			252	
		LECT-DISC		11			MEB
	29433	LECT-DISC	Xl	12	MWF	206	DKH
	29441	LECT-DISC	X2	12	M W F	147	ARMORY
	29458	LECT-DISC LECT-DISC	Х3	12	M W F	310	DKH
	29465		€1	1	M W F	223	E 8
	29472	LECT-DISC	E 2	1	M W F	337	ARMORY
	29480	LECT-DISC	F1	2	M W F	312	DKH
	29497	LECT-DISC	F2	2	M W F	337	ARMORY
	29508	LECT-DISC	G1	3	M W F	205	E B
	29515	LECT-DISC	G2	3	M W F	140	ADMIN
	29522	LECT-DISC	H1	4	M W F	137	ADMIN
	29530	LECT-DISC	1.1	9	TUTH	240	
	2 9530	CECI-DISC					LH
			L1	10	TH	240	L H
	29547	LECT-DISC	N	11	TU TH	140	ADMIN
			N	12	TH	140	ADMIN
	29554	LECT-DISC	P1	1	TU TH	142	ADMIN
			P1	2	TH	142	ADMIN
	29561	LECT-DISC	P2	1	TU TH	117	E 8
			P2	2	TH	117	E B
	29579	LECT-DISC	R1	3	TU TH	240	LH
	27317	ELCI-DI3C	R1	4	TU	240	LH
	29586	LECT-DISC	R2		TU TH		ADMIN
	29586	FECT-DI2C		3		140	
			R2	4	TU	140	ADMIN
E		NTRODUCTION T	OTH	IE DRAMA.			
	3 HOUR!						
	29593	LECT-DISC	A 1	8	M W F	328	ARMORY
	29604	LECT-DISC	A2	В	M W F	312	DKH
	29611	LECT-DISC	A3	8	M W F	117	F B
	29629	LECT-DISC	A4	8	M W F	209	E B
	29636	LECT-DISC	81	9	M W F	64	MEB
	29643	LECT-DISC	C1	10		333	ARMORY
	29651	LECT-DISC	Dl	11	M W F	64	MEB
	29668	LEC T-D I SC	D2	11	M W F	333	ARMORY
	29675	LECT-DISC	X 1	12	M W F	328	ARMORY
	29682	LECT-DISC	X 2	12	M W F	64	MEB
	29690	LECT-DISC	Х3	12	M W F	337	ARMORY
	29701	LECT-DISC	E 1	1	M W F	140	ADMIN
	29718	LECT-DISC	E2	1	M W F	328	ARMORY
	29725	LECT-DISC	Fl	2	M W F	240	LH
	29732	LECT-DISC	F2	2	M W F	144	BEV HALL
	29740	LECT-DISC	GI	3	M W F	328	ARMORY
	29757	LECT-DISC	G2		M W F	144	BEV HALL
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	29764	LECT-DISC	H1	4		108	E B
	29771	LECT-DISC	P 1	1	TU TH	310	DKH
			P1	2	TH	310	DKH
	29789	LECT-DISC	P2	1	TU TH	108	E B
			P 2	2	TH	108	E B
	29796	LECT-DISC	Ri	3	TU TH	310	DKH
			R1	4	TU	310	DKH
	29807	LECT-DISC	R 2	3	TU TH	312	DKH
			R2	4	TU	312	DKH
	NGL 103 I	NTRODUCTION T	n FI	CTION.			
	3 HOUR!		, , 1	0. 1011			
	29814	LECT-DISC	A 1	8	M W F	333	ARMORY
	29821	LECT-DISC	A2	8	M W E	144	BEV HALL
	29839	LECT-DISC	A 3	H	M W E	201	E 8
	29846	LECT-DISC	B1	9	MWF	108	E B
	29853	LECT-DISC	B2	9	M W F	137	ADMIN
	29861	LECT-DISC	C 1	10	M W F	196	LH
	29878	LECT-DISC	C2	10	M W F	64	MEB
	29885	LECT-DISC	D2	11	M W F	328	ARMORY
	29892	LECT-DISC	X 1	12	M W F	106	DKH
	29903	LECT-DISC	X 2	12	M W F	333	ARMORY
	29911	LECT-DISC	Х3	12	M W F	252	M E B
	29928	LECT-DISC	X 4	12	M W F	259	E B
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ENGL
               MASTERPIECES OF ENGLISH LITERATURE.
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                    LECT-DISC
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               MASTERPIECES OF AMERICAN LITERATURE.
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          I INTRODUCTION TO SHAKESPEARE.

PREREQUISITE: SOPHOMORE STANDING OR EXEMPTION FROM RHET. 102.

OR DESIGNATION AS AN EDMUND J. JAMES SCHOLAR.
ENGI
          3 HOURS
        30279
                    LECT-DISC
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        30286
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        30368
                    LECT-DISC
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        30375
                    LECT-DISC
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ENGL 195 FRESHMAN SEMINAR, I.

PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS SUPERIOR STUDENT, OR CONSENT OF INSTRUCTOR.
          4 HOURS
        30382
                    LECT-DISC F1
LECT-DISC M1
LECT-DISC G1
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        30401
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W F

WF

W F

E

M

259 E B

117 F B

333

ARMORY

ENGL 103 CONTINUED 29935 LEC

29942

29950

LECT-DISC E1

E2

E3

LECT-DISC

LECT-DISC

ENGL	PREREQUI WITH A L OF INSTE 3 HOURS *SECTION NARRATI\ *SECTION (SATISE) *SECTION	RUCTOR.  N G1 TOPIC: /E (SATISFIE N G2 TOPIC: IES AREA I R N H1 TOPIC:	ICTED TO RADE POIN THE COMPL S AREA II THEMES AN EQUIREMEN THE PSYCH	ENGLISH AT AVERAGE  EX WORLD REQUIRE AD IMAGES AT).	OF ENGLIS MENT). IN AMERIC	EXCEPT H RENAL	T BY CONSENT  ISSANCE	
	30418 30425 30432	LECT-DISC LECT-DISC LECT-DISC	*&G1 *&G2	3-5 3-5 4-6	TU TH W	142	ADMIN ADMIN E B	KAY KYLE WALDOFF
ENGL	*MAY BE *0 TO 9	DERGRADUATE REPEATED. HOURS F IS FILM A CONF		TURE. 4	HOURS CRED	IT.		
	30457	CONF	F	2 3	M W F	154	ARMORY	FRAYNE
		cou	RSES FOR	ADVANCED	UNDERGRAD	UATES		
ENGL		ACTICAL CRIT ISITE: NINE		LITERATU	RE OR CONS	ENT OF	INSTRUCTOR.	
	≠WILL NO	LECT-DISC LECT-DISC	D *E F	EEK PRACT 11 1 2 3 8 9	M W F MTUWTHF M W F M W F TU TH	312 312 328 370 137	D K H D K H ARMORY L H ADMIN	NELSON WALDOFF WALDOFF NELSON PURAVS
			L	9 9 10	₹U   ₹H   ТU TH	137	ADMIN ADMIN ADMIN	PURAVS PURAVS PURAVS
ENGL	3 HOURS	DIEVAL LITER						
	30521 30539	LECT-DISC		9	M W F		E B E B	TRAHERN TRAHERN
ENGL	231 SHA 3 HOURS	KESPEARE, I	•					
	30546 30553 30561 30578	LECT-DISC LECT-DISC LECT-DISC LECT-DISC	X E	9 10 12	M W F M W F M W F M W F	205 117 205 205	E B E B E B	WHEELER COLE WHEELER
	30592	LECT-DISC LECT-DISC	P1 R	3 1 2 3	TU TH	312 259 259 209	E 8 E 8	HINELY HINELY NEELY
			R	4	TU	209	E B	HINELY
ENGL	3 HOURS							
	30611 30628	LECT-DISC LECT-DISC	C L	10 9 10	M W F TU TH TU	109 223 223	N L E B E B	WHEELER HINELY HINELY
ENGL			R STANDIN	IG.				
	30635	LECT-DISC	С	10	M W F	282	BEV HALL	VAWTER
ENGL	PREREQUI 3 HOURS		R STANDIN	IG .				
	30642 30650	LECT-DISC	E	10	M W F		E B ADMIN	FRAYNE

ENGL 197 SOPHOMORE HONORS SEMINAR.

		5 N.C. 2 S.U. D.	DUANT IC	BOSTS						
ENGL	3 HOURS	ENGLISH R								
	30667 30674	LECT-DISC	X E	12	M	W	F	240	L H E B	WILKIE
	30681	LECT-DISC	F	2	M	W	F		E B	MAJDIAK
ENGL	251 GRE	AT NOVELIST	TS OF TH	E EIGHTEE	NTH	CEN	TURY.			
	3 HOURS 30699		N	11		U T		201	E B	GOLD
	30099	FEC1-012C	N	12		Ť			E B	GOLD
ENGL	252 GRE	AT ENGLISH	NOVELIS	TS OF THE	NIN	ETE	ENTH	CENTU	RY.	
	3 HOURS	LECT-DISC	С	10	м	W	F	137	ADMIN	KRAMER
	30700 30717		D	11	M			137	ADMIN	SZIROTNY
	30724	LECT-DISC	F	2	М	W	F	259	E 8	SZIROTNY
ENGL	253 GRE	AT FOREIGN	NOVELIS	TS IN REL	ATIO	V T	O THE	ENGL	ISH NOVEL.	
	3 HOURS 30731		В	9	М	W		142	ADMIN	ADELMAN
ENGL	255 SUR	VEY OF AMER	ETCAN ET	TERATURE.	I.					
2.102	*CREDIT	IS NOT GIVE	N FOR B	OTH ENGL.	113	AN	D 255			
	*3 HOURS	T MEET DURI	NG THE	STY-WEEK	TEAC	HER	TRAI	NING	PERIOD.	
	30749	LECT-DISC	B1	9	M	W	F	209	E B	HAMILTON
	30821			0	-	. *		328 330	ARMORY	WATTS
	30756	LECT-DISC	Cl	10	M M M M M	W	F	140	ADMIN	SCOTT
	30763 30771	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	D1	11 12	M	W	F	140	ADMIN ADMIN	CARR INGER CARRINGER
	30788	LECT-DISC	Êl	1	M	W	F	201	E B	RUNYAN
	30795 30806	LECT-DISC	F1	2	M	W	F	223	E B E B	SWANSON MOAKE
	30813	LECT-DISC	G2	3	M	M	F	209	E B	UROFF
ENGL	256 SUR *CREDIT	VEY OF AMER	ICAN LI	TERATURE,	II.					
	*CREDIT *3 HOURS	IS NOT GIVE	N FOR B	OTH ENGL.	114	AN	D 256	•		
	30838		Cl	10	М	W	F	259	E B	HAMILTON
	30845 30852	LECT-DISC	01	11 12	M M		F	147 201	ARMORY	SWANSON SWANSON
	30860	LECT-DISC	E1	1 2	M	lef.	F	105	E B H H	UROFF
	30877 30884	LECT-DISC	F1	2	M	W	F	105 252	H H ADMIN	UROFF RUNYAN
	30891	LECT-DISC	X1 E1 F1 G1 H1	4	M	М	F	252	ADMIN	RUNYAN
ENGL		VEY OF ENGL			Ι.					
	PREREQUI 3 HOURS	SITE: SENIO	R STAND	ING.						
	*WILL NO	T MEET DURI	NG THE	SIX-WEEK	TEAC	HER	TRAI	NING	PERIOD.	
	30927	LECT-DISC	*81	9	MIT	UWT	4F	105	H H	MATTHEWS
	30902 30910	LECT-DISC	C D	10 11	M	W	F	310 310	D K H D K H	MC GUGAN MC GUGAN
ENGL	258 SUR	VEY OF ENGL	ISH LITE	ERATURE.I	Ι.					
	PREREQUI	SITE: SENIO								
	3 HOURS 30934	LECT-DISC	R	3	T	J TI	н	205	E B	GOLD
			R	4	T			205		GOLD
ENGL	263 EAR	LY VICTORIA	N LITER	ATURE.						
ENGL	3 HOURS				м	u	F	108	F B	BENNETT
ENGL	263 EAR 3 HOURS 30941				М	w	F	108	E B	BENNETT
	3 HOURS 30941	LECT-DISC	A	8	м	w	F	108	ЕВ	BENNETT
ENGL	3 HOURS 30941 265 MAJ 2 HOURS	LECT-DISC	A AFTER 1	8				108	E B	BENNETT
	3 HOURS 30941 265 MAJ 2 HOURS *SECTION	LECT-DISC  OR AUTHORS  E TOPIC: E	A AFTER 1	8 789. , TENNYSO	N, D			108	E B	BENNETT
	3 HOURS 30941 265 MAJ 2 HOURS *SECTION *SECTION	LECT-DISC  OR AUTHORS  E TOPIC: E G TOPIC: E	AFTER 1	8 789. • TENNYSO	Ny D.	ICK!	ENS.	240	LH	BENNETT
	3 HOURS 30941 265 MAJ 2 HOURS *SECTION *SECTION	LECT-DISC  OR AUTHORS  E TOPIC: E	AFTER 1	8 789. • TENNYSO	Ny D.	ICK!	ENS.		LH	

ENG:	270									
ENGL	3 HOURS			ODERN POETRY			_	222	5.0	110.0111
	30973 30981	LECT-DISC	E	8	М	M	F	223 252	E B ADMIN	HOGAN KYLE
ENGL		O-AMERICAN			ст	TID I	En 1	N COLL	.EGE, OR CONS	EMT
	OF INSTR	RUCTOR.						W COLL	.2029 01 00143	2.41
	30998 31001	DISC DISC DISC DISC DISC	E E1	1 1 2 2	M	W	F	101 196	ARMORY L H	KINNAMON
	31018	DISC	E 2	1			F	240	L H	
	31025 31032	DISC	F1 F2	2			F	162	L H ARMORY	
		0.00		-				133	Amon	
NGL	281 DEV	/ELOPMENT OF	THE	MOCERN DRAMA	, I					
	3 HOURS 31040	LECT-DISC	В	9	М	W	F	252	ADMIN	HURT
	31057	LEC 1-013C	C	10 12	М	W	F	105	н н	HUR T
	21004	LECT-DISC LECT-DISC	^	12	M	M	F	282	BEV HALL	ALLEN
	31089	LECT-DISC	F	2	М	W	F	142	ADMIN H H ADMIN BEV HALL ADMIN	ALLEN
ENGL	282 050	/FI ODMENT OF	THE	MODERN DRAMA		7				
NOL	3 HOURS									
	31096 31107	LECT-DISC LECT-DISC		11 12	M	W	F	109	N L N L	VAWTER VAWTER
										***************************************
NGL	283 ENG 3 HOURS		TURE	IN THE TWENT	IET	'H C	ENTU	RY, I.		
	31114		D	11	М	W	F	108	E B	E BRANDABU
	31121	LECT-DISC	X	12	M	W	F	312	DKH	NELSON
	31139 31146	IFCT-DISC	E	1 2 3	M	W	F	137	ADMIN ADMIN	WILSON WILSON
	31153	LECT-DISC	G	3	М	W	F F F	137	ADMIN	MARDER
ENGL	285 THE	SHORT STOR	Y . I .							
	PRERECULE	SITE: ONE C	DURSE	IN ENGLISH	OR	AME	RICA	N LITE	RATURE.	
	31161	LECT-DISC	B1	9	М	W	F	117	E B	BENNETT
	31178 31185	LECT-DISC	Cl	10	М	W	F	108	E B	ANDERSEN BENNETT
	31192	LECT-DISC	02	11	M	M	F	142	ADMIN	DAVIS
	31203	LECT-DISC	X 1	12	M	W	F	142	ADMIN	DAVIS
	31211	LECT-DISC	Εl	1	M	W	F	209		B SMALLEY
	31228 31235	LECT-DISC	F1	2	M	W	F	108 206	E B H H	ANDERSEN VAN WALLEG
	31233	EEC 1-DISC	M	11	'	T	Н	206		VAN WALLEG
	31242	LECT-DISC	P1	i	T	UT	Н	259	F B	VAN WALLEG
	31250	LECT-DISC	P1 V	9 10 11 11 12 1 2 10 11 1 2 7-830PM	T	U	Н	259	E B E B	FRIEDMAN
				. 030111						
NGL	288 THE 3 HOURS		CENTL	RY AMERICAN						
	212/7	LECT DICC	В1	9 10 10	М	W	F	140	ADMIN ARMORY	SCOTT
	31274	LECT-DISC	B2	9	М	W	F	337		11112 0110111
	31281	LECT-DISC	Cl	10	М	W	F	201	E B	A GREEN
	31299	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	C 2	10	M	W	F	337		WHISNANT
	31300	LECT-DISC	X1	11	M	M	F	144	BEV HALL	MOAKE
	31324	LECT-DISC	X 2	12	М	W	FFF	196	L H E B	KINNAMON
	31331	LECT-DISC	F1	2	М	W	F	117	ЕВ	MOAKE
	31349 31356	LECT-DISC	r 2	12 2 2 3	M	M	F	252 142	ADMIN ADMIN	KYLE ANDERSEN
	21330	2001-0130	0.1	,	. "	**	,	272	201111	AHOERSEN
NGL	295 JUN	IOR HONORS	SEMIN	AR, I.						
	PREREQUI	SITE: RESTR	ICTED	TO ENGLISH					ATION MAJORS T BY CONSENT	
	DE INCTO		MUE	. OINT ATENAO	- 0	. 4	4279	CACEF	. DI CONTENT	

DE INSTRUCTOR. 3 HOURS \*SECTION &L1 TOPIC: AMERICAN TRANSCENDENTALISM (SATISFIES AREA I \*SECTION & LT TUPIC: AMERICAN TRANSCENDENTALISM (SATISFIES AREA REQUIREMENT.)

\*SECTION & MI TOPIC: MOLIERE AND THE ENGLISH RESTORATION COMEDY OF MANNERS (SATISFIES AREA II REQUIREMENT).

\*SECTION & MZ TOPIC: POPULAR LITERATURE AND POPULAR CULTURE.

31363 LECT-DISC \*&LI 9-11 TH 2108 E 8

31371 LECT-DISC \*&MI 10-12 TH 194 L H

31388 LECT-DISC \*&MZ 10-12 TU 194 L H

WHISNANT KAUFMAN ALLEN

PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS ENGL 297 WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR. 3 HOURS \*TOPIC: CHAUCER. 31395 LECT-DISC \*&H 4-6 M 210A E B TRAHERN ENGL 298 SENIOR HONORS TUTORIAL.

PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS

OF 4.25. EXCEPT BY CONSENT WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INS. 3 HOURS CONF OF INSTRUCTOR. 31406 ARR STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES ENGL 303 HISTORICAL INTRODUCTION TO THE ENGLISH LANGUAGE. PREREQUISITE: ENGL. 386. 3 HOURS OR 3/4 UNIT 259 E B NEMANICH 105 H H NEMANICH 224 D K H CABLE 31413 LECT-DISC B 9 M W F 31421 LECT-DISC X 12 M W F 31438 LECT-DISC F 2 M W F ENGL 310 LITERATURE FOR THE HIGH SCHOOL.
3 HOURS OR 3/4 UNIT 3 HOURS OR 3/4 UNIT
31445 LECT-DISC D1 11 M W F 209 E B
31452 LECT-DISC X1 12 M W F 209 E B
31460 LECT-DISC H1 4-530 TU TH 117 E B
31477 LECT-DISC H2 4-530 M W 117 E B MATTHEWS MATTHEWS HOETKER HOETKER ENGL 311 CHAUCER. 3 HOURS OR 3/4 UNIT 31484 LECT-DISC F 2 M W F 140 ADMIN STILLWELL ENGL 325 ENGLISH LITERATURE FROM 1500 TO 1660. DUNDAS SPENSER AND HIS CONTEMPORARIES. ENGL 326 PREREQUISITE: SIX HOURS OF ENGLISH LITERATURE. 3 HOURS OR 3/4 UNIT 8 TU TH 140 ADMIN SCANLON 9 TU 140 ADMIN SCANLON 31502 LECT-DISC K ENGL 336 ENGLISH DRAMA E 3 HOURS OR 3/4 UNIT ENGLISH DRAMA EXCLUSIVE OF SHAKESPEARE. LECT-DISC X 31510 12 M W F 282 BEV HALL COMEDY. ENGL 339 3 HOURS OR 3/4 UNIT 3 LECT-DISC G M W F 223 E B SHATTUCK ENGL 340 SATIRE.

3 HOURS OR 3/4 UNIT
31534 LECT-DISC P 1 TU TH 2 TU 140 ADMIN 140 ADMIN DUSSINGER DUSSINGER ENGL 342 THE POETRY OF MILTON.
3 HOURS OR 3/4 UNIT
31541 LECT-DISC E 1 M W F 15 D K H 345 THE METAPHYSICAL PUELS. 3 HOURS OR 3/4 UNIT 31559 LECT-DISC X 12 ENGL M W F 117 E B SWIFT, POPE, AND FIELDING. PREREQUISITE: A COURSE IN ENGLISH LITERATURE.
3 HOURS OR 3/4 UNIT 31566 LECT-DISC D 11 M W F 240 L H HOTCH

E NG L	352 AME	RICAN LITER	ATURE: I	RVING TO	WHITMAN	٧.			
	3 HOURS   31573	OR 3/4 UNIT LECT-DISC	P	1	TU TH	4	137	ADMIN ADMIN	BAYM
			Р	2	TI	H	137	ADMIN	BAYM BAYM
ENGL	359 THE SAM 3 HOURS	E AS C. LIT.	NAL FOLK	TALE.					
	3 HOURS	OR 3/4 UNIT LECT-DISC	D	11	M M	E	205	FA	FLANAGAN
	31301	ECC1-0130		11		•	203		LANAGAN
ENGL	370 THE	ORY AND PRAG	CTICE OF	WRITTEN	COMPOS	ITION.			
	3 HOURS	OR 3/4 UNIT LECT-DISC LECT-DISC		•	м п				1101 1155
	31609	LECT-DISC	Н	4-530	M M	-	205	L H E B	ODONNELL
E NG L		TORY AND PR		OF LITER	ARY AND	D RHET	TOR I C	AL CRITICISM:	
	SAM	E AS SPCH.	371.						
	PREREQUI	SITE: SENIO	R STANDI	NG.					
	31616	LECT-DISC	R	2	TU TI	Н	252	ADMIN ADMIN	PURAVS
			R	3	TU		252	ADMIN	PURAVS
ENCI	379 NOD	CON AMERICA	M AND RR	171CH E1C	TION I	M ITC	ELIBOR	PEAN BACKGROUND	
ENGL	PREREQUI	SITE: TWO CO	DL LEGE - LI	EVEL LITE	RATURE	COURS	SES.	EAN BACKGROOM	
	3 HOURS 31623	OR 3/4 UNIT	С	10	M W	F	142	ADMIN	ADELMAN
ENGL	386 MOD	ERN ENGLISH	GRAMMAR	AND USAG	E.				
	*TODIC	OR 3/4 UNIT EMPHASIS ON	TRANCECI	RMATIONAL	GRAMM	AR.			
	31631	LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A	8	M W	F	137	ADMIN D K H H H E B E B	HURT TIBBETTS
	31655	LECT-DISC	D	11	M W	F	105	нн	TIBBETTS NEMANICH
	31670	LECT-DISC	×χ	12	M W	F	210B	E B	NEMANICH FOX BOUTON
	31002	LECI-DISC	п	4	m m	-	209	E D	BUUTUN
ENGL	392 TYP	OGRAPHIC DI	SCIPLINE	S OF THE	800K.				
	392 TYP	E AS JOURN. SITE: CONSE	AND LIB	. S. 310.					
	3 HOURS	OR 1/2 HATT							
	31687	LECT-DISC	Α '	8	M W	F	206	DKH	CHAPDU
ENGI	394 INT	PODLICTION TO		DE+ MISTO	DV. TH	Enpv.	METHO	nns	
ENGE	SAM	E AS SPCH.	346 AND 1	C. LIT.	GER	AND SI	AV . 3	394.	
	PREREQUI RECOMMEN	SITE: A REAL DED.	DING KNO	WLEDGE OF	ONE MO	ODERN	FORE	IGN LANGUAGE	
	2 LINIUS C	TIME ALE OF	D	1.1	M G	_	201	E B	A CREEN
	31074	LECT-DISC	U	11	m w	_	201	C D	A GREEN
			cou	RSES FOR	GRADUA"	TES			
ENGL	401 OLD	ENGLISHA	MGLO SAX	ON.					
	1 UNIT 31705	LECT-DISC	G	3	M W	F	210A	ЕВ	CABLE
ENGL	406 MID 1 UNIT 31712	DLE ENGLISH	LITERATE	URE AND I	TS CULT	TURAL	BACK	GROUND.	
	1 UNIT	LECT-DISC		10	M W	F	223	F B	R GREEN
		220. 0100				·			
ENGL	407 STU				S, 1				
	1 UNIT	LECT-DISC	С	10-12	н		309	LIB	WRIGHT
		200.0130	,	10 12	"		207		
ENGL	411 STU	DIES IN SIX	TEENTH C	ENTURY LI	TERATUR	RE, I	,		
	1 UNIT	LECT-DISC	G	3-5	TU			F B	MILLIGAN
	32131	5501.0130	,	,	.0		117		IUMN
ENGL	413 STU	DIES IN SHAI	KESPEARE						
	413 STU 1 UNIT 31744	I ECT-DISC	E	10-12		F	300	1 18	
	32177	2201.0130		10 12		,	307		

ENGL	414 STU PREREQUI 1 UNIT	DIES IN ELI ISITE: GRADU	ZABETHAN ATE STAND	DRAMA. ING.				
		LECT-DISC	М	10	TU TH	108	E B	HOLADAY
E NG L	417 STU	DIES IN SEV	ENTEENTH	CENTURY P	DETRY AND	MILTO	N, 1600-1640.	
		LECT-DISC	N	11	TU TH	2108	Е В	M KAUFMANN
ENGL	421 STU 1 UNIT	DIES IN EIG	HTEENTH C	ENTURY LI	TERATURE,	I .		
		LEC T-D I SC	A	8	M W	309	LIB	RHODES
ENGL	423 STU	DIES IN THE	EIGHTEEN	TH CENTUR	Y NOVEL.			
	31783	LECT-DISC	М	10	TU TH	119	Е В	GOLD
ENGL	427 STU SAM 1 UNIT	DIES IN THE	ROMANTIC . 452.	MOVEMENT	. 1.			
	31791	LECT-DISC	R	2	TU TH	194	LH	MIFKIE
ENGL	431 STU							
	31801 31819	LECT-DISC LECT-DISC	E G	1 3-5	TU TH	210B 210B	E B E B	SMALLEY SCHNEIDER
ENGL	1 UNIT	IOR MOVEMENT		RN BRITIS	H POETRY A	ND DR		
	31826 31833	LECT-DISC LECT-DISC	G 1 L	3-5 9	TU TU TH	137 309	ADMIN LIB	BRANDABUR LOFTUS
ENGL	437 STU PREREQUI OF INSTR 1 UNIT	SITE: A SUR					OR CONSENT	
	31841	LECT-DISC	G	3-5	TU	223	E 8	DAVIDSON
ENGL	PR ER EQUI INSTRUCT	DIES IN AME SITE: SURVE OR.					R CONSENT OF	
	1 UNIT 31858	LECT-DISC	U	3-5	TU	201	E B	BAYM
ENGL	447 BAC 1 UNIT	KGROUND MAT	ERIALS FO	R HIGH SCI	HOOL TEACH	ERS O	F ENGLISH.	
	31865	LECT-DISC	Н	4-6	TU	108	E B	HOOK
ENGL	448 LIT PREREQUI 1 UNIT	ERARY ANALY SITE: TEACH	SIS FOR T ING EXPER	EACHERS OF	F ENGLISH.			
		LECT-DISC	٧	7-9PM	TU	117	E B	HOETKER
ENGL	PREREQUI OR CONSE	BLEMS IN SI SITE: A GRA NT OF INSTR	DUATE COU	ENTURY LI RSE IN 16	TERATURE. TH CENTURY	LITE	RATURE	
	1 UNIT 31880	L EC T-D I SC	G	3-5	TH	223	Е В	MILLIGAN
ENGL	462 PRO	BLEMS IN TU	DOR DRAMA	•				
	31897	LECT-DISC	G	3	TU TH	108	ЕВ	HOLADAY
ENGL	PREREQUI	BLEMS IN SE SITE: ENGL.	VENTEENTH 345 OR 4	-CENTURY 1	METAPHYSIC NSENT OF I	AL PO	ETRY AND PROSE.	
	1 UNIT 31908	LECT-DISC	К	8-10	TU	210B	E B	M KAUFMANN

ENGL 469 THE STAGE HISTORY OF CLASSIC ENGLISH PLAYS.

SAME AS SPCH. AND THEAT. 469.

PREREQUISITE: ONE YEAR OF WORK IN DRAMATIC LITERATURE OR THEATRE HISTORY, CONSENT OF INSTRUCTOR. 1 UNIT 31915 LECT-DISC 194 I H SHATTUCK ENGL 471 PROBLEMS IN EIGHTEENTH-CENTURY LITERATURE. PREREQUISITE: ENGL. 421, 422, OR EQUIVALENT OR CONSENT OF INSTRUCTOR. I UNIT 31922 LECT-DISC M 10-12 TH 309 LIB DUSS INGER ENGI 476 PROBLEMS IN ROMANTIC LITERATURE. SAME AS C. LIT. 453. 1 UNIT 31930 LECT-DISC G 3 M W 329 G H WILKIE PROBLEMS IN PROSE FICTION, II. PREREQUISITE: SECOND-YEAR GRADUATE STANDING. ENGL 478 1 UNIT LECT-DISC B 309 LIB KRAMER ENGL 484 PROBLEMS IN TWENTIETH CENTURY ENGLISH LITERATURE. PREREQUISITE: CONSENT OF INSTRUCTOR, OR A SURVEY OF ENGLISH LITERATURE. 1 UNIT TOPIC: PROSE OF JAMES JOYCE. LECT-DISC N TU TH 307 F B LOFTIIS 31954 PROBLEMS IN AMERICAN CRITICISM AND AMERICAN CULTURE.

PREREQUISITE: A SURVEY OF AMERICAN LITERATURE OR CONSENT OF ENGL 486 INSTRUCTOR. 1 UNIT \*TOPIC P: LANGUAGE, LITERATURE AND MEDIA.
31961 LECT-DISC \*N 10-12 TU SANDERS TU 309 LIB B PROBLEMS IN AMERICAN LITERATURE AND CULTURE.
PREREQUISITE: A SURVEY OF AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR . \*STUDENTS MAY REPEAT COURSE FOR CREDIT. \*1 UNIT \*SECTION H TOPIC: PROBLEMS IN SOUTHERN FICTION.
979 LECT-DISC H 4-6 F 210A E B HENDRICK 31979 ENGL 491 RESEARCH IN SPECIAL TOPICS. \*THIS COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS \*1 UNIT SECTION G REQUIRES CONCURRENT REGISTRATION IN ENGLISH 101, G1. SECTION Y IS FOR STUDENTS WHO WILL TEACH ENGLISH 115. SECTION Z REQUIRES CONCURRENT REGISTRATION IN ENGLISH 116, D. 3-5 LECT-DISC G 154 ADMIN 154 ADMIN PURVES W PURVES ARR 32006 LECT-DISC CAMPBELL LECT-DISC 32013 Z ARR DAVIDSON CONF ARR 31986 STAFF 7 INDEPENDENT READING.
PREREQUISITE: CONSENT OF INSTRUCTOR OF REQUISITE 300 LEVEL COURSE.
\*STUDENTS MAY ACCUMULATE 1/2 UNIT. ENGL 497 \*1/4 UNIT CONF 32021 ARR 32038 CONE Δ ARR ENGL 499 THESIS RESEARCH. O TO 4 UNITS INSTRUCTORS: ALTENBERND, ASTON, BERRY, BRANDABUR, CAMPBELL, DAVIDSON, FLANAGAN, R. GREEN, HENDRICK, HOLADAY, HOOK, U. M. KAUFMANN, KRAMER, LOFTUS, MARDER, MILLIGAN, PURVES SCOTT, SHATTUCK, SMALLEY, STILLINGER, WILKIE, AND WILSON.

160

32045

CONE

### ENTOMOLOGY

DEPARTMENT OFFICE

320 MOR HALL

MAJOR: TWENTY HOURS IN ENTOMOLOGY, EXCLUDING ENTOM. 101, 103 ZOOL. 318 AND 321 MAY BE APPLIED FOR MAJOR CREDIT. AT LEAST FIVE HOURS MUST BE TAKEN FROM THE ADVANCED GROUP.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: AGRONOMY, BOTANY, CHEMISTRY, HORTICULTURE, MICROBIOLOGY, PHYSIOLOGY, AND ZOOLOGY.

AS A GENERAL POLICY, STUDENTS WHO CONTEMPLATE EVENTUAL CAREERS IN ENTOMOLOGY ARE URGED TO USE THE UNDERGRADUATE YEARS TO GAIN THOROUGH GROUNDING IN THE FUNDAMENTALS OF PHYSICAL AND BIOLOGICAL SCIENCE, IN MATHEMATICS AND THE OTHER LIBERAL ARTS, AND IN THE TECHNIQUES OF COMMUNICATION. THE DEPARTMENT IS GLAD TO ADVISE STUDENTS IN REGARD TO THE MOST EFFECTIVE SCHEDULE OF STUDY TO SUIT THEIR PARTICULAR NEEDS.

# COURSES FOR UNDERGRADUATES

	AGR ICULTURAL	ENTOMOL	OGY.				
	3 HOURS						
	052 LECT		11	M W	217	MEL	WALDBAUER
320	060 LAB	A	10-12	F	309	н н	WALDBAUER
321	077 LAB	В	10-12	TH	309	н н	WALDBAUER
ENTON 100	1 1 5 5 5 1 1 1 5						
	LIFE OF INSI 4 HOURS						
			1.0	TH TH	216	A 11	MACL COD
		Δ	8-10	TUTH	309		MACLEOD
	091 LAB			M W			MACLEOD
	LO2 LAB	9		M W		н н	MACLEDD
	LAB	C	12-2		309		MACLEOD
321	LAB	D	2-4		309		MACLEOD
	LAB	E	4-6		309		MACL EGD
321	L41 LAB	F	8-10 12-2 2-4	TU TH	309	н н	MACLEOD
321	LS9 LAB	G	12-2	TU TH	309	н н	MACLEOD
321	LAB	Н	2-4	TU TH	309	н н	MACLEDD
321	L73 LAB	I	4-6	TU TH	309	н н	MACLEOD
321	L81 LAB	J	8-10	FS	309	H H	MACLEOD
ENTOM 199	UNDERGRADUAT	TE OPEN S	EMINAR.				
1	MAY BE REPEATED.						
1	*O TO 9 HOURS						
321	L98 CONF		ARR				STAFF
	COURS	SES FOR A	DV ANCED UN	DERGRADUATES	AND	GRADUATES	
ENTOM 306	SPECIAL PROB	SLEMS.					
F	REREQUISITE: COM	ISENT OF	INSTRUCTOR				
	TO 5 HOURS, OR						
	209 CONF	27 . 0 2	ARR				STAFF
520			Alli				31611
ENTOM 319	FUNDAMENTALS	OF INSE	CT CONTROL				
	REREQUISITE: BIC				AL ENT	- AND CONSENT	
	F INSTRUCTOR.		THO CITETION I	OTA OW FAOTA	ALCIT	AND CONSENT	
	HOURS OR 1 UNIT						
	216 LECT		1	M W	166	N Ł	BOOTH AND
366	LAB		2-4			MOR HALL	
	LAD		2-4	14 W	213	MUR MALL	METCALF
ENTON 241	INDIVIDUAL A	ND CROUD	BEHAVIOR	OF HOMEY SEE	c		
LIVIUM 301	SAME AS HORT				3 .		
	REREQUISITE: ONE						
	HOURS OR 1/2 UN		K OF ENIUM	. UK ZUUL.			
	HUUKS UK 1/2 UK			T11 T11	11225	T	114604

TU TH

W115 T H

JAYCOX

32223

LECT-DISC

#### COURSES FOR GRADUATES

) INSECT MORPHOLOGY.
PREREQUISITE: BIOL. 111 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.

1 UNIT 32231

123 BUR HALL 315 MOR HALL LAB 10-12

2-4

MEDICAL AND VETERINARY ENTOMOLOGY.
PREREQUISITE: ENTOM. 103 OR 302, OR ZOOL. 320, AND CONSENT OF ENTOM 413

INSTRUCTOR.

1 UNIT 32248

LEC T LAB

TU TH

407 MOR HALL

HORSEALL HORSFALL

LARSEN AND

STERNBURG

ENTOM 424

ADVANCED INSECT PHYSIOLOGY.

PREREQUISITE: ENTOM. 422, CHEM. 350, AND CONSENT OF INSTRUCTOR.

1 UNIT

32255 LAB-DISC 9-12

TU TH 315 MOR HALL FRIEDMAN AND LARSEN

SEMINAR IN ENTOMOLOGY. ENTOM 426

PREREQUISITE: CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT.

\*0 OR 1/4 UNIT

32262 LECT

STAFF

ENTOM 499 THESIS--RESEARCH.

O TO 4 UNITS

WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

A--MORPHOLOGY AND EMBRYOLOGY OF INSECTS LARSEN, MACLEOD, STERNBURG

B--APPLIED AND MEDICAL ENTOMOLOGY HORSFALL, KEARNS, LUCKMANN

METCALF MACLEOD, SELANDER,

C--SYSTEMATIC ENTOMOLOGY

STANNARD

D--BIOLOGY AND ECOLOGY OF INSECTS

GHENT, HORSFALL, JAYCOX WALDBAUER

E--INSECT PHYSIOLOGY & TOXICOLOGY

FRAENKEL, FRIEDMAN, KEARNS, LARSEN, METCALF,

STERNBURG, WALDBAUER,

WILLIS

CONE 32270

ARR

FINANCE

DEPARTMENT OFFICE

340 COM W

REQUIREMENTS FOR L. A. S. STUDENTS MAJOR: THENTY HOURS IN FINANCE. A FINANCE MAJOR WHO CHOOSES ECONOMICS AS A MINDR MUST INCLUDE ALSO TWELVE HOURS IN A SECOND MINOR.

ECON. 108 OR ECON. 102 AND 103, ARE FUNDAMENTAL COURSES IN ECONOMICS AND ARE PREREQUISITES FOR COURSES IN FINANCE. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN FINANCE SHOULD TAKE ECON. 108, OR ECON. 102 AND 103, IN THEIR SOPHOMORE YEAR. LIBERAL ARTS MAJORS IN FINANCE ARE ADVISED STRONGLY TO ELECT ACCY. 201 AND A COURSE IN STATISTICS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY. ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY. THE CURRICULUM IN LATIN-AMERICAN STUDIES IS ACCEPTED AS A MINOR.

### COURSES FOR UNDERGRADUATES

FIN	150 MON	NEY, CREDIT,	AND	BANKING.							
		ISITE: ECON.									
	3 HOURS										
	32287	LECT-DISC	8	9	M	W	F	123	DK		
	32294		C	10	М	M	F	123	D K		
	32305		D	11	M	W	F	123	DK		
	32312		E	1 2	M	W	F	123	D K		
	32320	LECT-DISC	-	4	M	14	r	123	D K	П	
FIN	199 UNI	DERGRADUATE	OPEN	SEMINAR.							
		REPEATED.									
	*0 TO 9										
	32337	CONF		ARR							
		CUU	K2 E2	FOR ADVANCED	UN	DEK	GK AUU	AIES			
FIN	254 AN	INTRODUCTIO	N TO	BUSINESS FIN	ANC	LAI	MANA	GE ME N	т.		
1 211				OR 201, FIN.				0011011			
	CREDIT C	R REGISTRAT	ION	IN ECON. 172.							
	*CREDIT	IS NOT GIVE	V FO	R BOTH FIN. 2	54	AND	FIN.	257.			
	*3 HOURS										
	32344	LECT-DISC		8	M	M	F	123	DK		
	32351		A2		M	W	F	28	COM		
	32369	LECT-DISC		12 12	M	W		219 123	DK		
	32376 32383	LECT-DISC LECT-DISC	X 2 E	12	M	W	E	317	DK		
	32458	LECT-DISC	EG1	1 3 3	М	W	F	28	COM		LEONARD
	32391	LECT-DISC	G2	3	M	W	F		D K		ELOMAND
	32401	LECT-DISC	H1	4	м	W	F	123	D K	Н	
	32419	LECT-DISC	H2	4	M	W	F	28	COM	W	
	32426	LECT-DISC	L	8-10	T	U			DK		
			L	9		T	Н		D K		
	32433	LECT-DISC			T				DK		
	22//1	LECT. DICC	N R	11		U	Н	123	D K		
	32441	LECT-DISC	R	1-3	,	TI		123			
			11	•		•		120	0 11	11	
FIN	255 FIN	NANCING CORP	JR A T	E CONSOLIDATI	ON	A ND	REOR	G ANI Z	ATIC	N.	
		SITE: FIN. :	254.								
	3 HOURS		_				_				
	32465	LECT-DISC	C	10	M	W	F	219	D K	Н	OSBORN
FIN	257 COF	RPORATION FI	NANC	F .							
. 174		-COMMERCE ST									
		SITE: ECON.									
				BOTH FIN. 25	7 A	ND :	FIN.	254.			
	3 HOURS										
	32472	LECT-DISC	A	8	M	W	F	219	DK	Н	OS BORN
										_	
FIN		SITE: ECON.		ND AMERICAN F	INA	NC I	AL IN	STITU	TION	5.	
	3 HOURS	SITE: ECUN.	103	UK 108.							
	32480	LECT-DISC	В	Q	М	W	F	317	D K	н	
	32497	LECT-DISC		10	М	W	F	317	DK		
	32508	LECT-DISC		11	М		F	317	DK		
	32515	LECT-DISC	F	2	M	W	F	219	DK	Н	
FIN		ESTMENT.									
		SITE: ECON.	103	UR 108.							
	3 HOURS	LECT		11			-	161	co		MAYED
	32522 32530	LECT-DISC	D	11 11	М	W	F	141 226	COM		MAYER
	32547	LECT-DISC		9		₩ U Ti		219	D K		
	32554	LECT-DISC		10		UT		219	DK		
	32561	LECT-DISC		1		UT		219	DK		
	32579	LECT-DISC	S	2		UT		219	DK		

FIN	260 ECONOMICS OF PREREQUISITE: ECON	INSURANCE. . 103 OR 108.			
	3 HOURS 32586 LECT-DISC 32593 LECT-DISC 32604 LECT-DISC	B 9 C 10 L 8-10	M W F M W F TU	226 COM W 226 COM W 28 COM W	CAMMACK CAMMACK
	32611 LECT-DISC	N 10-12 N 10	? TU TH	28 COM W 28 COM W	
FIN	262 LIFE INSURANC PREREQUISITE: ECON 3 HOURS	E. . 103 OR 108.			
	32629 LECT-DISC 32636 LECT-DISC	A 8 B 9	M W F	226 COM W 28 COM W	FORBES FORBES
FIN	264 INTRODUCTION PREREQUISITE: ECON *A STUDENT WILL NO *3 HOURS	. 103 OR 108.			
	32643 LECT-DISC 32651 LECT-DISC	A 8 F 2	M W F	317 D K H 28 COM W	GUNTERMANN GUNTERMANN
FIN	266 REAL ESTATE DE PREREQUISITE: FIN.	EVELOPMENT AND 264.	FINANCING.		
		D 11	M W F	28 COM W	GUNT ERMANN
FIN	294 SENIOR RESEAR PREREQUISITE: SENI 2 TO 4 HOURS	OR STANDING.			
	32675 LECT-DISC				
				ES AND GRADUATES	
FIN	PREREQUISITE: FIN. 3 HOURS, OR 1/2 TO 32682 LECT-DISC	254 -		219 DKH	GENTRY
FIN	360 EMPLOYEE BENE				
	PREREQUISITE: FIN.	260, ECON. 240	, OR I. ADM.	351; OR	
	CONSENT OF INSTRUC 3 HOURS, OR 1/2 TO 32690 LECT-DISC	N 10-12 N 10	TU TH	226 COM W 226 COM W	
FIN	PREREQUISITE: SIX   *A STUDENT WILL NO	T RECEIVE CREDI	I CS OR CONSE	IN. 264 AND 368.	
	*3 HOURS, OR 1/2 TO 32701 LECT-DISC	O 1 UNIT B 9	M W F	219 D K H	COOPER
FIN	370 RISKS AND RISK PREREQUISITE: ONE 108; FIN. 254 OR 2	K MANAGEMENT. OF THE FOLLOWIN 57.	IG: ACCY. 105	OR 201; ECON. 103	OR
	PREREQUISITE: ONE 1 108; FIN. 254 OR 2: 3 HOURS, OR 1/2 TO 32718 LECT-DISC	E 1	M W F	28 COM W	FORBES
		COURSES F	OR GRADUATES		
EIN	1 UNIT 32725 LECT-DISC	NG POLICY.	ТН	317 DKH	ARLT
FIN	427 COMMERCIAL BAI	NK MANAGEMENT.			
	1 UNIT 32732 LECT-DISC	STU 2-4	TU	317 D K H	BRYAN

FIN CORPORATION FINANCE. PREREQUISITE: FIN. 254. 1 UNIT LECT-DISC FF F 317 DKH 32740 2-4 VAN ARSDELL INVESTMENT. FIN 456 IN 1 UNIT 32757 LECT-DISC NTU 10-12 TU 317 D K H MAYER RISK MANAGEMENT AND CONTROL.

SAME AS B. ADM. 555.

PREREQUISITE: B. ADM. 552 AND 560, THEIR EQUIVALENTS, OR CONSENT OF FIN INSTRUCTOR. 1 UNIT LECT-DISC LTU 8-10 TU 130 COM W MEHR 32764 INDIVIDUAL STUDY AND RESEARCH. FIN 490 1/2 TO 1 UNIT MAYER 32771 FIN THESIS RESEARCH. O TO 4 UNITS 317 D K H 317 D K H MAYER TH MAYER FOOD SCIENCE DEPARTMENT DEFICE 213 M H COURSES FOR ADVANCED UNDERGRADUATES PRINCIPLES OF FOOD AND DAIRY PRODUCT PROCESSING.
PREREQUISITE: CHEM. 102. 3 HOURS 32807 LECT-DISC 9 M W F 203 D M B STEINBERG AND TUCKEY 260 RAW MATERIALS FOR PROCESSING. FS PREREQUISITE: BOT. 100 OR EQUIVALENT. FIELD TRIPS. 4 HOURS TU TH S WING HFL TU TH S WING HFL NELSON, WEI 32814 LECT-DISC LAB 9-11 COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES ) SPECIAL PROBLEMS.
PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR MUST BE OBTAINED PRIOR
TO ENROLLMENT. THIS COURSE IS NOT OPEN TO UNDERGRADUATES WHO ARE ON PROBATION.

PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR MUST BE OBTAINED PRIOR TO ENROLLMENT. THIS COURSE IS NOT OPEN TO UNDERGRADUATES WHO ARE ON PROBATION.

\*MAXIMUM OF 2 UNITS ALLOWABLE CREDIT.

\*1 TO 5 HOURS, OR 3/4 TO 1 1/2 UNITS
SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

32821 CONF A APR STAFF
32839 CONF &B ARR STAFF

F S 301 FOOD PROCESSING.

PREREQUISITE: CHEM. 133 AND F. S. 201.

FIELD TRIPS.

4 HOURS OR 1 UNIT

32846 LECT 11 TU 316N M H NELSON, WEI

1 TU TH S WING H F L

LAB 2-5 TU TH S WING H F L

FS	340 INTRODUCTION TO APP	H ICD STATIC	7100			
F 2	SAME AS AG. E., AGR			R., HO	RT., AND	
	V. M. S. 340. PREREQUISITE: MATH. 111 4 HOURS OR 3/4 UNIT	OR 112 OR 1	04, OR EQUI	VALENT	•	
	32853 LECT 32861 LAB-DISC 1 32878 LAB-DISC 2 32885 LAB-DISC 3 32892 LAB-DISC 4	3-5 1-3	TU TH TU TU W W	W109 W223 W223 W223 W223	T H T H T H	SEIF
F S	391 CHEMISTRY OF LIPIDS PREREQUISITE: BIOL. 350 3 HOURS OR 3/4 UNIT		OF INSTRUCT	ror.		
	32903 LECT	10	M W F	350	BRL	PERKINS
FS	393 EXPERIMENTS IN LIPI 3 HOURS OR 3/4 UNIT	D CHEMISTRY	•			
	32911 LAB	1-5	M F	208	D M B	PERKINS
		COURSES FOR	GRADUATES			
FS	421 SEMINAR.  REQUIRED OF ALL GRADUATE 1/4 UNIT	STUDENTS I	N FOOD SCIE	NCE.		
	32928 LECT-DISC	11	ТН	N107	ТН	STAFF
FS	499 THESIS RESEARCH. 0 TO 4 UNITS					
	32935 CONF	ARR				STAFF

### FORESTRY

### DEPARTMENT OFFICE

219 M H

THE FORESTRY COURSES FOR ADVANCED UNDERGRADUATES ARE DESIGNED PRIMARILY FOR STUDENTS WHO ARE CANDIDATES FOR THE PROFESSIONAL DEGREE OF BACHELOR OF SCIENCE IN FORESTRY IN EITHER THE FOREST SCIENCE OR WOOD SCIENCE CURRICULUM. OTHER STUDENTS ARE ADMITTED TO MOST OF THESE COURSES, HOMEVER, IF THEY HAVE THE PREREQUISITES OR THE CONSENT OF THE INSTRUCTOR.

## COURSES FOR UNDERGRADUATES

FOR	100 FARM FORESTRY.  PREREQUISITE: ENROLLMENT EDUCATION, OR CONSENT OF 3 HOURS	IN COLLEGE OF AGRICULTURE, COLLEGE OF INSTRUCTOR.	
	32942 LECT-DISC LAB-DISC	1 TU TH 205 F S L 2-5 TU 205 F S L	CURTIN
FOR	101 GENERAL FORESTRY. PREREQUISITE: ENROLLMENT STANDING. 3 HOURS 32950 LECT-DISC	IN A FORESTRY CURRICULUM OR SOPHOMORE	GILMORE

199 9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. FOR \*0 TO 9 HOURS

32967 CONF ARR STAFF

#### COURSES FOR ADVANCED UNDERGRADUATES

FOR SPECIAL PROBLEMS. 200 PRETEQUISITE: A MINIMUM GRADE-POINT AVERAGE OF 3.75;
SENIOR STANDING; CONSENT OF INSTRUCTOR AND HEAD OF
DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED
IN ADVANCE OF REGISTRATION FOR A SECOND AND/OF THIRD SPECIAL PROBLEM COURSE. \*SPECIAL PROJECT

\*\*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING
MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION
WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF 32974 DISC ADD STAFF 213 SILVICULTURE. FOR PREREQUISITE: FOR. 211. 3 HOURS M W F 205 F S L 32981 LECT-DISC 1.0 I OR ENZ DENDROLOGY. FOR 220 PREREQUISITE: BOT. 100. 4 HOURS 32999 LECT-DISC 10 TU TH 1-5 M 1-5 TH 10 TU TH 205 FSL 1 OR EN7 A B 33001 LAB-DISC 205 F S L LAB-DISC 33019 205 FOR WOOD SEASONING. PREREQUISITE: FOR. 271 OR CONSENT OF INSTRUCTOR. 2 HOURS 33026 LECI-DISC 1.0 TU TH 100 F S I CHOW FOR FOREST ECONOMICS . PREREQUISITE: ECON. 108. 3 HOURS 33033 LECT-DISC 1.1 M W F 205 FSL HOLLAND 260 FOREST LAND POLICY AND ADMINISTRATION.
PREREQUISITE: ECON. 108 OR CONSENT OF INSTRUCTOR. FOR 3 HOURS 33041 205 F S L LECT-DISC HOLLAND FOR PHYSICAL AND MECHANICAL PROPERTIES OF WOOD.

PREREQUISITE: FOR. 271, T.A.M. 171 AND 172, OR CONSENT OF INSTRUCTOR. 3 HOURS 100 F S L 100 F S L 33058 LECT-DISC TU TH LAB-DISC TU COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 316 ENVIRONMENT AND TREE GROWTH.
PREREQUISITE: FOR. 211 OR CONSENT OF INSTRUCTOR. FOR 4 HOURS OR 1 UNIT TU TH 205 F S L TU TH 205 F S L 33065 LECT-DISC FISHER LAB-DISC 1.1 GILMORE FOR INTRODUCTION TO APPLIED STATISTICS. 340 SAME AS AG. E., AGRON., AN. S., D. S., F. S., HORT., AND V. M. S. 340. PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT. 4 HOURS OR 3/4 UNIT 33072 LECT 9 TU TH SEIF W109 T H W223 T H W223 T H LAB-DISC 33080 1-3 TU TU 1 2 33097 LAB-DISC 3-5 W223 T h

1-3

3-5

33108

33115

LAB-DISC

LAB-DISC

FOR 362 FOREST ENTOMOLOGY.

PREREQUISITE: ONE YEAR OF BIDLOGICAL SCIENCE AND ONE YEAR

OF CHEMISTRY.

3 HOURS OR 3/4 UNIT

33122 LECT-DISC 9 TU TH 205 F S L RENNELS

LAB-DISC 3-5 TH W223 T H

COURSES FOR GRADUATES

FOR 400 SEMINAR.

REQUIRED OF ALL GRADUATE STUDENTS IN FORESTRY.

\*STUDENTS MAY ACCUMULATE 1/2 UNIT.

\*1/4 UNIT

33130 DISC ARR

STAFF

FOR 401 SPECIAL PROBLEMS.

\*NOT MORE THAN ONE UNIT MAY BE OFFERED TOWARD AN M.S. DEGREE.

\*1/2 OR 1 UNIT

33147 CONF ARR

STAFF

FOR 414 DISCUSSIONS IN FOREST ECOLOGY AND PHYSIOLOGY.

PREREQUISITE: CONSENT OF INSTRUCTOR.

\*TOTAL CREDIT LIMITED TO ONE UNIT.

\*1/4 UNIT

33154 CONF ARR

STAFF

FOR 499 THESIS RESEARCH.

1 TO 3 UNITS

33161 CONF

ARR

STAFF

FRENCH

DEPARTMENT OFFICE

244 L H

MAJOR: TWO TYPES OF MAJOR PROGRAMS ARE OFFERED: THE MAJOR IN FRENCH LITERATURE AND THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS. BOTH MAJORS PROVIDE SUITABLE PREPARATION FOR GRADUATE STUDY IN THE APPROPRIATE AREAS. (THE MAJOR IN FRENCH LITERATURE PROVIDES PREPARATION FOR GRADUATE WORK IN FRENCH LANGUAGE AND LINGUISTICS PREPARES FOR GRADUATE WORK IN LINGUISTICS (SEE LINGUISTICS IN GRADUATE COLLEGE BULLETIN). AND PROVIDES PREPARATION FOR GRADUATE WORK IN THE DEPARTMENT OF FRENCH WITH THE ADDITION OF APPROPRIATE COURSES IN FRENCH LITERATURE TO BE DETERMINED BY THE ADVISOR.)

THE MAJOR IN FRENCH LITERATURE MUST COMPLETE FRENCH 201-202 AND SIX SEMESTER COURSES IN FRENCH LITERATURE AT THE 200-LEVEL AND ABOVE, EXCLUDING FRENCH 255-256, WITH THE PROVISION THAT NO MORE THAN TWO COURSES MAY BE CHOSEN FROM THE GROUP 207-208-209. STUDENTS ARE STRONGLY ADVISED TO TAKE A YEARS WORK IN EUROPEAN HISTORY AND A YEARS WORK IN ENGLISH LITERATURE.

THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS MUST COMPLETE FRENCH 211-212 AND 20 HOURS OF COURSES AT THE 200-LEVEL AND ABOVE, INCLUDING FRENCH 201-202 AND FRENCH 311, 313, 314, AND 316. A MINOR, MINIMUM 8 HOURS, IS STRONGLY RECOMMENDED IN LINGUISTICS OR IN A SECOND FOREIGN LANGUAGE, SUBJECT TO THE PROVISIONS LISTED BELOW UNDER THE MINOR REQUIREMENTS. STUDENTS ARE STRONGLY ADVISED TO TAKE LINGUISTICS 300, INTRODUCTION TO LINGUISTICS.

STUDENTS WHO INTEND TO TEACH FRENCH IN SECONDARY SCHOOLS ARE REFERRED TO THE STATEMENT OF REQUIREMENTS UNDER TEACHER EDUCATION CURRICULA IN THE BULLETIN ON UNDERGRADUATE STUDY.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, EXCLUDING THE FIRST TWO SEMESTERS OF MODERN FOREIGN LANGUAGE AND RHETORIC 101 AND 102, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: EDUCATION, ENGLISH, GERMAN, GREEK, HISTORY, HUMANITIES, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SPANISH, OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC, NOT INCLUDING APPLIED MUSIC, COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED.

SEQUENCE OF COURSES: STUDENTS WITH NO PREVIOUS CREDIT IN FRENCH REGISTER IN FRENCH 101. ENTERING STUDENTS WHO HAVE CREDIT IN FRENCH FROM HIGH SCHOOL MUST REGISTER IN THE COURSE INDICATED BY THE PLACEMENT TEST. STUDENTS WITH CREDIT FROM OTHER UNIVERSITIES REGISTER AS FOLLOWS: THOSE WITH ONE SEMESTER REGISTER IN FRENCH 102; WITH TWO SEMESTERS, FRENCH 103; WITH THREE SEMESTERS, IN FRENCH 104. STUDENTS WITH CREDITS IN HIGH SCHOOL FRENCH WHOSE PLACEMENT SCORE PUTS THEM BEYOND 104 AND STUDENTS WITH FOUR SEMESTERS OF COLLEGE FRENCH' TAKEN ELSEWHERE MAY REGISTER IN THE 200-LEVEL COURSES BUT SHOULD BE GUIDED IN THE CHOICE OF COURSES BY AN ADVISOR IN THE DEPARTMENT OF ERENCH.

#### COURSES FOR UNDERGRADUATES

FR

ELEMENTARY COURSE, I.
FOR STUDENTS WHO HAVE NO CREDIT IN FRENCH.

NO CREDIT TOWARD GRADUATION IS GIVEN FOR FR. 101 WITHOUT FR. 102. 4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS.

\*REGISTRATION IN REGULAR SECTIONS IS RESTRICTED TO STUDENTS WHO HAVE HAD NO PREVIOUS FRENCH. STUDENTS PLACED IN 101 THROUGH THE PLACEMENT EXAMINATION REGISTER FOR ONE OF THE STARRED SECTIONS.

L EMO FILE IA	- FYWING I	DIA 11.50	783.6 6.1. 1.01.	0.45		3141116	, 250,10
33179	LECT-DISC	A1	8	MTU		216	L H
33550	LECT-DISC	*A2	18		THE	331	ARMORY
33186	LECT-DISC	81	9	MTU	THE	331	ARMORY
33193	LECT-DISC	82	9	MTU	THE	303	NL
33204	LECT-DISC	83	9	MTU	THE	309A	H H
33211	LECT-DISC	Cl	10	MTU	THE	331	ARMORY
33567	LECT-DISC	*C2	10	MTU	THE	303	NL
33229	LECT-DISC	C3	10	MTU	THE	309A	н н
33236	LECT-DISC	D1	11	MTU	THE	331	ARMORY
33243	LECT-DISC	D2	11	MTU	THE	303	N L
33574	LECT-DISC	*D3	11	MTU	THE	309A	H H
33251	LECT-DISC	E 1	1	MTU	THE	331	ARMORY
33268	LECT-DISC	E2	1	MTU	THE	303	N L
33581	LECT-DISC	*E3	1	MTU	THE	309A	н н
33275	LECT-DISC	E 4	1	MTU	THE	204N	н н
33282	LECT-DISC	FI	2	MTU	THE	331	ARMORY
33290	LECT-DISC	F2	2	MTU	THE	219	GH
33301	LECT-DISC	G l	3	MTU	THE	331	ARMORY
33318	LECT-DISC	G2	3	MTU	THE	303	N L
33325	LECT-DISC	H	4	MTU	THE	331	ARMORY
33332	LECT-DISC	X 1	12	MTU	THE	216	L H
33340	LECT-DISC	X2	12	MTU		331	ARMORY
33357	LAB	T 3	8-830	TU	F	202	LH
33364	LAB	T 4	830-9	TU	F	202	L H
33371	LAB	T 5	9-930	TU	F	202	L H
33389	LAB	T 6	930-10	TU	F	202	LH
33396	LAB	7 7	10-1030	TU	F	202	LH
33407	LAB	T 8	1030-11	TU	F	202	LH
33414	LAB	T 9	11-1130		F	202	L H
33421	LAB	T10	1130-12	TU	F	202	L H
33439	LAB	T11	12-1230		F	202	L H
33446	LAB	T12	1230-1	TU	F	202	L H
33453	LAB	T13	1-130	TU	F	202	LH
33461	LAB	T14	130-2	TU	F	202	LH
33478	LAB	T15	2-230	TU	F	202	LH
33485	LAB	T16	230-3	TU	F	202	L H
33492	LAB	T17	3-330	ŦU	F	202	LH
33503	LAB	T18	330-4	TU	F	202	L H
33511	LAB	T19	4-430	TU	F	202	L H
33528	LAB	T20	430-5	TU	F	202	LH
33535	LAB	T21	5-530	TU	F	202	LH
33542	LAB	T 22	530-6	TU	F	202	L H

ELEMENTARY COURSE, II.

PREREQUISITE: FR. 101 OR ONE YEAR OF HIGH SCHOOL FRENCH. FR 102 4 HOURS ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS.

ENROLLMENT IN SECTION &G IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FR. 101. 33599 LECT-DISC A1 8 MTU THE 362 APMOD V NL 33600 LECT-DISC A2 8 MTU THE 303 LECT-DISC В1 9 MTU THE 362 ARMORY 33617 33624 LECT-DISC В2 9 MTU THE 374 33631 LECT-DISC C 1 10 MTU THE 362 ARMORY LECT-DISC CZ MTU THE 374 33649 10 LECT-DISC ARMORY 33656 D1 11 MIU THE 362 374 L H 362 ARMORY 33663 LECT-DISC D2 11 MTU THE MTU THE 33671 LECT-DISC Е 1 33916 LECT-DISC F1 2 MTU THE 362 ARMORY LECT-DISC F2 MTU THE 33688 2 374 1 19 LECT-DISC 362 ARMORY 33909 E. G. MTU THE 3 LECT-DISC MTU THE ARMORY 33695 X T 3 12 362 8-830 33706 1 AR TU F 202 LH LAB T 4 F 202 33713 830-9 TO 1 H T 5 9-930 E 33721 LAB TII 202 LH T 6 930-10 F 33738 LAB TU 202 Н F 33745 LAB 10-1030 TU 202 н 33752 LAB T 8 1030-11 TU F 202 33760 LAB T 9 11-1130 TU F 202 33777 LAB T10 1130-12 TU F 202 L LAB T11 T12 12-1230 TU F 202 33784 33791 LAB 1230-1 F 202 TU 33802 LAB T13 1-130 ΤU F 202 33810 LAB T14 130-2 Ŧυ F 202 L 33827 LAB T15 2-230 TU F 202 230-3 LAB T16 TU 202 33834 L 33841 LAB T17 3-330 TU 202 330-4 THE F 202 33859 1 AB TIR 1 4-430 Ē. T19 202 33866 LAB TH L H 430-5 F 33873 LAB T20 TILL L н 5-530 33881 LAB T21 TH F 202 LH

FR 103

LAB

MODERN FRENCH, I.

PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH. 4 HOURS

530-6

T22

33898

ALL STUDENTS IN THIS COURSE MAY REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS. REGISTRATION IN LANGUAGE LABORATORY IS OPTIONAL.

TU F 202 LH

ENROLLMENT IN &B3 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 102.
REGISTRATION IN LECTURE-DISCUSSION/LAB COMBINATION SECTION F2P IS

LIMITED TO STUDENTS WHO HAVE PREVIOUSLY BEEN ENROLLED IN A PLATO SECTION.

33923	LECT-DISC	Al	8	MTU	THE	113	D	K	H
33931	L ECT-DISC	A 2	8	MTU	THE	219	G	Н	
33948	LECT-DISC	Α3	8	MTU	THE	309A	Н	Н	
33955	LECT-DISC	81	9	MTU	THE	113	0	K	Н
33962	LECT-DISC	B 2	9	MTU	THE	219	G	Н	
34306	LECT-DISC	£83	9	MTU	THE	204N	Н	Н	
33970	LECT-DISC	C 1	10	MTU	THE	113	D	K	Н
33987	LECT-DISC	C2	10	MTU	THE	219	G	Н	
33994	LECT-DISC	Dl	11	MTU	THE	113	D	K	Н
34007	LECT-DISC	D2	11	MTU	THE	219	G	н	
34014	LECT-DISC	E1	1	MTU	THE	113	D	K	H
34021	LECT-DISC	E 2	1	MTU	THE	219	G	Н	
34039	LECT-DISC	F1	2	MTU	THE	113	D	K	Н
34046	LECT-DISC	G1	3	MTU	THE	113	D	K	Н
34053	LECT-DISC	G2	3	MTU	THE	219	G	н	
34061	LECT-DISC	H	4	MTU	THE	113	D	K	Н
34078	LECT-DISC	X1	12	MTU	THE	113	D	K	Н
34085	LECT-DISC	X 2	12	MTU	THE	219	G	Н	
34092	LECT-DISC	Х3	12	MTU	THE	204N	H	н	
34313	LECT-DISC	F2P	2	MTU	THE	303	N	L	
	LAB	F2P	3	TU	TH	257	E	R	L
		F2P	11		S	257	Ε	R	L
34103	LAB	T 3	8-830	TU	F	202	L	Н	
34111	LAB	T 4	830-9	TU	F	202	L	н	
34128	LAB	T 5	9-930	TU	F	202	L	Н	

PLATO PLATO PLATO

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T 6
T 7
T 8
T 9
T10
    FR
                103
                         CONTINUED
                                                                                10-1030 TU
030-11
                                                                           930-10
                                                                                                                         202
                  34135
                                 LAB
                                        LAB
LAB
                   34142
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                   34150
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                                        LAB
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                   34167
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T11
T12
T13
T13
T13
T130-2
2-230
T0-3
                   34174
                                      LAB
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                                                                                                                           202
                                LAB
LAB
LAB
LAB
LAB
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                   34181
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                   34199
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3-330
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                   34231
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                   34256
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4-430
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                                         LAB
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                                                                T19
                                                                                                      TU
                   34263
                                                                              430-5
5-530
                   34271
                                        LAB
                                                                 T20
                                                                                                      TU
                                                                                                                           202
                                                                                                                                      L
                                       LAB
                                                                                                                           202
                                                                T 21
                                                                         5-530
530-6
                                                                                                      TU
                   34288
                                                                                                                           202
                  34295
                                                                T22
                                                                                                      TU
                           MODERN FRENCH, II.
   ED
                104
                      PREREQUISITE: FR. 103 OR THREE YEARS OF HIGH SCHOOL FRENCH.
                       4 HOURS
                       ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR
                      PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE
                       T3 TO T22 SECTIONS
                      *ENROLLMENT IN SECTION &DZ IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FR. 103.
                       REGISTRATION IN LECTURE-DISCUSSION/LAB COMBINATION SECTION E2P IS
                       LIMITED TO STUDENTS WHO HAVE PREVIOUSLY BEEN ENROLLED IN A PLATO
                       SECTION.
                       *STUDENTS REGISTERING IN FRENCH 104 ARE ASKED TO KEEP THE
                       FOLLOWING IN MIND: SECTION AT EMPHASIZES THE NATURAL SCIENCES; SECTIONS C2 AND F2 EMPHASIZE FRENCH CIVILIZATION; SECTIONS
                                    \( \text{S} \) C2 AND F2 EMPHASIZE FRENCH OF
\( \text{X2} \) EMPHASIZE THE SOLENT
\( \text{LECT-DISC} \) *A1
\( \text{LECT-DISC} \) *A2
\( \text{LECT-DISC} \) *B
\( \text{LECT-DISC} \) *C2
\( \text{LECT-DISC} \) *C2
\( \text{LECT-DISC} \) *C1
\( \text{LECT-DISC} \) *C2
\( \text{LECT-DISC} \) *C1
\( \text{LECT-DISC} \) *C1
\( \text{LECT-DISC} \) *F1
\( \text{LECT-DISC} \) *F2
\( \text{LECT-DISC} \) *G2
\( \text{LECT-DISC} \) *H2
\( \text{LECT-DISC} \) *A2
\( \text{LECT-DISC} \) *A2
\( \text{LECT-DISC} \) *A2
\( \text{LECT-DISC} \) *A3
\( \text{LECT-DISC} \
                      G2 AND X2 EMPHASIZE THE SOCIAL SCIENCES.
                   34612
                                                                                                   MTU THE
                                                                                                                          212
                                                                                                   MTU THE
                                                                                                                         204N H H
                  34321
                   34338
                                                                                                   MTU THE
                                                                                                                           212
                  34345
                                                                                                   MTU THE
                                                                                                                           212
                                                                                                   MTU THE
                  34637
                                                                                                                           301
                                                                                                                                      NL
                                                                                                   MTU THE
                  34352
                                                                                                                           212
                                                                                                                                     DKH
                                                                                                  MTU THE
                  34620
                                                                                                                           301
                                                                                                                                     NI
                                                                                                                                     DKH
                   34360
                                                                                                                           212
                                                                                                   MTU THE
                  34377
                                                                                                                           212
                                                                                                                                     D K H
                                                                                                  MTU THE
                  34644
                                                                                                                           301
                                                                                                                                     N L
                                                                                                  MTU THE
                  34384
                                                                                                                           212
                                                                                                                                    DKH
                  34651
                                                                                                  MTU THE
                                                                                                                           301
                                                                                                                                      NL
                  34391
                                                                                                  MTU THE
                                                                                                                           212
                                                                                                                                    DKH
                  34402
                                                                                                  MTU THE
                                                                                                                           212
                                                                                                                                     DKH
                  34669
                                                                                                   MTU THE
                                                                                                                           301
                                                                                                   MTU THE
                                                                                                                           301
                                                                                                                                    NE
                                                                                                                                                                     PLATO
                  34676
                                                                                                   M W F
                                                                                                                           257
                                                                                                                                    ERL
                                                                                                                                                                     PLATO
                                                                                   8-830
                  34410
                                                                                                                           210
                                                                                                                                     LH
                  34427
                                                                                                     TU
                                                                                                               F
                                                                                                                           210
                                     L AB
                   34434
                                                                                                      TU
                                                                                                                          210
                                                                                                                                     L
                  34441
                                                                                                      TU
                                                                                                                           210
                                                                                                                                    L
                  34459
                                                                                                      TU
                                                                                                                           210
                                                                                                                                      £.
                  34466
                                                                                                      TU
                                                                                                                           210
                  34473
                                                                                                      TU
                                                                                                               F
                                                                                                                           210
                  34481
                                                                                                      TU
                                                                                                                          210
                                                              T10
T11 12-1230
T12 1230-1
T13 1-130
T14 130-2
T15 2-230
                                                                                                                                     L
                  34498
                                                                                                      TU
                                                                                                                           210
                                                                                                                                     L.
                   34509
                                                                                                      TU
                                                                                                                           210
                                                                                                                                      L
                   34516
                                                                                                      TU
                                                                                                                           210
                                                                                                               F
                  34523
                                                                                                      TU
                                                                                                                           210
                                                                                                                                    1
                   34531
                                       LAB
                                                                                                               F
                                                                                                      TU
                                                                                                                           210
                                                                                                                                     1
                                                                         230-3
                  34548
                                                                                                      TU
                                                                                                                           210
                                                                                                                                      L
                                                                                3-330
                  34555
                                         LAB
                                                               T17
                                                                                                      TIL
                                                                                                                           210
                                                                                                                                      L
                   34562
                                                                               330-4
                                                                                                                E
                                         LAB
                                                                T18
                                                                                                      TU
                                                                                                                           210
                                                                                                                                      1
                                                                                4-430
                                        LAB
                  34570
                                                               T 19
                                                                                                      TU
                                                                                                               F
                                                                                                                           210
                                                                                                                                     L
                                                               T20
T21
                                        LAB
                                                                              430-5
                  34587
                                                                                                      TU
                                                                                                               F
                                                                                                                           210
                                                                                                                                      L
                                                                                 5-530
                  34594
                                                                                                      TU
                                                                                                              E
                                                                                                                           210
                  34605
                                         1 48
                                                                T22
                                                                              530-6
                                                                                                      TIL
                                                                                                                           210
FR
                              INTENSIVE ELEMENTARY FRENCH.
                      8 HOURS
                      ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HOURS
                       PER WEEK OF LANGUAGE LABORATORY TO BE ARRANGED THROUGH THE
                       INSTRUCTOR .
```

8-10

MTU THE 301 N L

LECT-DISC

34683

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INTENSIVE INTERMEDIATE FRENCH.
  PREREQUISITE: FR. 102 OR 105 OR EQUIVALENT.
  8 HOURS
34691
                                      MTU THE
                                                204N H H
107
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7 READINGS IN FRENCH.
PREREQUISITE: FR. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO FR. 103. 3 HOURS 34701 LECT-DISC M W F 309A H H

VARKONYI

CONVERSATIONAL FRENCH.
PREREQUISITE: FR. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL FR ACHIEVEMENT EQUIVALENT TO FR. 103. 4 HOURS 34719 MTU THE 216 L H

CONVERSATIONAL PRACTICE.
PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH,
CONCURRENT REGISTRATION IN FR. 103 OR 104. FR 1 HOUR

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR LANGUAGE LABORATORY PERIODS SELECTING ONE SECTION FROM THE M3 TO M26 SECTIONS.

mo IU r	150 2ECLION2 +					
34726	LECT-DISC	Dl	2	M TH	432	ARMORY
34733	LECT-DISC	D 2	2	TU F	432	ARMORY
34741	LAB	M 3	8-830	M W	210	L H
34758	LAB	M 4	830-9	M W	210	L H
34765	LAB	M 5	9-930	M W	210	L H
34772	LAB	M 6	930-10	M W	210	L H
34780	LAB	M 7	10-1030	M W	210	L H
34797	LAB	M 8	1030-11	M W	210	LH
34808	LAB	M 9	11-1130	M W	210	LH
34815	LAB	M 10	1130-12	M W	210	LH
34822	LAB	M11	12-1230	M H	210	L H
34830	LAB	M12	1230-1	M W	210	L H
34847	LAB	M13	1-130	M W	210	L B
34854	LAB	M14	130-2	M W	210	L H
34861	LAB	M15	2-230	M W	210	L H
34879	LAB	M16	230-3	M W	210	L H
34886	LAB	M17	3-330	M W	210	LH
34893	L AB	M18	330-4	M W	210	LH
34904	LAB	M19	4-430	M W	210	L H
34911	LAB	M20	430-5	M W	210	L H
34929	LAB	M21	5-530	M W	210	L H
34936	LAB	M22	530-6	M W	210	LH
34943	LAB	M 25	7-730PM	M W	210	LH
34951	LAB	M26	730-8PM	M W	210	L H

199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. ÉR

35059

\*0 TO 9 HOURS

\*SECTION F IS FOR THOSE RESIDING IN FRENCH HOUSE. \*SECTION M IS FOR THOSE ENROLLED IN FRENCH 282.

\*SECTION P IS FOR THOSE ENROLLED IN FRENCH TEACHING EDUCATION. 236 L H

CONF 34968 Α ARR 35002 CONF В 34975 CONF \*F ARR

34982 CONF ×Μ ARR 34990 CONF ≠P ARR

LECT-DISC

F

JAHTEL

# COURSES FOR ADVANCED UNDERGRADUATES

INTRODUCTION TO FRENCH LITERATURE, I.
PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH. FR 201 3 HOURS \*ENROLLMENT IN &E IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104. 35010 LECT-DISC B1 GH 35027 LECT-DISC В2 9 М F 302 35034 LECT-DISC 10 М F G Н LECT-DISC D LECT-DISC \*&E 35041 11 М ç 35066 Ė

3

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INTRODUCTION TO FRENCH LITERATURE, II.

PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
FR
          3 HOURS
        35073
                                                             302 L H
                   LECT-DISC
                               D
                                        11
                                                     W
                              E
                                                 M W E
       35081
                   LECT-DISC
                                         1
               SELECTIONS IN CONTEMPORARY FRENCH LITERATURE.
FR
          PREREQUISITE: FR. 201 AND 202, OR EQUIVALENT.
          2 HOURS
          *DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF
         CAMPUS.
                                       *1-230 M
        35098
                   LECT-DISC
                                                      TH
                                                              262 L H
                                                                                   SHINALL
         ORAL FRENCH, I
PREREQUISITE: FR. 104 OR 106, OR 103 AND 113, OR FOUR YEARS OF HIGH
SCHOOL FRENCH. PRACTICE IN LANGUAGE LABORATORY IS REQUIRED.
FR
          3 HOURS
          PRACTICE IN LANGUAGE LABORATORY IS OPTIONAL.
         ENROLLMENT IN SECTION 6D2 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104.
                                                MTU THE
       35109
                   LECT-DISC A1 B
                                                             325
                                                 MTU THE
       35116
                                                             206
                                                                   H H
                   LECT-DISC
                                        9
       35123
                              B 1
                                                 M W
                                                       F
                                                              325
                                                                   G H
                                                 MTU THE
       35131
                   LECT-DISC
                              82
                                                              206
                                                                   н н
                   LECT-DISC
                                                 M W F
       35148
                              C 1
                                       1.0
                                                              325
                                                                   G H
       35155
                   LECT-DISC
                               C2
                                        10
                                                              206
                                                 M W F
        35162
                   LECT-DISC
                              D1
                                                              325
       35212
                   LECT-DISC
                               &D2
                                        11
                                                              206
                                        2
       35170
                   LECT-DISC
                              F
                                                 MTU THE
                                                              325
       35187
                   LECT-DISC
                                         3
                                                 MTU THE
                                                              325
                                                 M W F
MTU THE
                   LECT-DISC
                              X 1
X 2
                                                              325
       35194
                                       12
                   LECT-DISC
                                       12
                                                              309A H H
       35205
             ORAL FRENCH, II
         PREREQUISITE--FR. 211
         3 HOURS
                                               MTU THE
       35220
                   LECT-DISC
                              Δ1
                                        В
                                                              236
                                                                  LH
                              A2
                   LECT-DISC
       35237
                                         P
                                                              302
                                                                   L H
                               D
                                                                                  KNABENHANS
       35244
                   LECT-DISC
                                       11
                                                 MTU THE
                                                              262
                                                                   L H
       35251
                   LECI-DISC
                               Х
                                        12
                                                 MTU THE
                                                              308
                                                                   LH
                                        1
       35269
                   LECT-DISC
                              E
                                                 MTU THE
                                                              206
                                                                   н н
       35276
                   LECT-DISC
                                                 MTU THE
                                                              206
                                                                   н н
       35283
                  LECT-DISC
                                                 MTU THE
                                                              305
      213 COMPOSITION, I.
FR
         PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
         2 HOURS
       35291
                   LEC T-DISC
                                         8
                                                              262
                                                                                   SMART
                                                  TU F
       35301
                   LECT-DISC
                              В
                                         9
                                                              304
                                                                   GH
                                                  TU
       35319
                   LECT-DISC
                              C2
                                        10
                                                              262
                                                                   LH
                   LECT-DISC
                              E1
E2
                                        1
                                                 M TH
       35326
                                                              374
                                                                   1 H
                                                      THE
       35333
                   LECT-DISC
                                         1
                                                              304
                                                                   GH
                              F2
                                        2
       35341
                   LECT-DISC
                                                  TH
                                                       F
                                                              262
FR
              COMPOSITION, II.
        PREREQUISITE: FR. 213.
         2 HOURS
       35358
                   LECT-DISC
                                        9
                                                              390
                   LECT-DISC
                                         9
                                                  TU
                                                      F
                                                              390
       35365
                               82
                                                                   LH
       35372
                   LECT-DISC
                               Cl
                                                 M TH
                                                              390
                                                                   L H
                                       10
                   LECT-DISC
                                                  TU
                                                                   LH
       35380
                               E 2
                                         1
                                                       F
                                                              262
               LECT-DISC
       35397
                                                      TH
                                                              206
                                                                  H H
FR
      215 INTENSIVE COMPOSITION.
         PREREQUISITE: FR. 104 OR 106, OR FOUR YEARS OF HIGH SCHOOL FRENCH.
         4 HOURS
       35408
                   LECT-DISC
                                                  MTU THE
                                                             262 L H
FR
              ADVANCED ORAL FRENCH.
         PREREQUISITE: FR. 212.
         4 HOURS
       35415 LECT-DISC A 8-10 MTU THF
35422 LECT-DISC C 10-12 MTU THF
35430 LECT-DISC E 1-3 MTU THF
                                                              308
                                                                  L H
                                                             308 L H
                                                              308
                                                                                   JAHLEL
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FR	219 FRE PREREQUI 3 HOURS	NCH LITERATURE OF SITE: FR. 201 AND	THE MIDDLE	E AGES.		
	35447	LECT-DISC	1	м тн	236 L H	NACHTMANN
FR	223 FRE	NCH LITERATURE OF	THE SEVEN	TEENTH CENTU	JRY, I.	
	3 HOURS 35454	LECT-DISC	1	TU F	236 L H	DE LEY
FR	3 HOURS	NCH LITERATURE OF	THE EIGHT	EENTH CENTUR	Y+ I+	
	35461	LECT-DISC	10	м тн	236 L H	V. BOWEN
FR	PREREQUI: 3 HOURS	NCH LITERATURE OF SITE: FR. 201 AND	THE NINETS	EENTH CENTUR	Y, I: ROMANTICISM.	
		MEET DURING THE	PERIOD TE	ACHER TRAINI	NG MAJORS ARE OFF	
	35479	LECT-DISC	10	M W F	302 L H	TALBOT
FR	233 FREI	NCH LITERATURE OF	THE CONTER	PORARY PERI	OD, I.	
		LECT-DISC	9	TU F	262 L H	GRAY
FR	255 INTE	RODUCTION TO FRENCE AS HUMAN. 255.	CH LITERATE	JRE+ IN TRAN	SLATION, I.	
	NOT OPEN 4 HOURS	TO STUDENTS MAJO				
			10	m w r	433 ARMORY	B. BOWEN
FR	REQUIRED PREREQUIS 2 HOURS	FOR TEACHER-TRAIN	202, OR 21	1 AND 212.		
	ARE OFF (	MEET DURING THE !	PERIOD TEAC	HER-TRAININ	G MAJORS	
		LECT-DISC A LECT-DISC B	3 3	M W F	236 L H 3 G H	S. SAVIGNON MANDERA
FR	PREREQUIS	SIS AND HONORS, I.	DING.			
	2 HOURS 35529	LECT-DISC	ARR			
FR		CH SENIOR SEMINAR				
	HEAD.	SITE: FR. 261 AND REPEATED FOR CRED		JIVALENT; CO	NSENT OF DEPARTMENT	,
	*3 HOURS	ITINERAIRE DU RE		10E S 15C   E		
	SECTION B	LA NOTION DE L'A	ABSURDE AU	20 E SIECLE.		
		LECT-DISC A	1-3	M TH	308 L H 262 L H	VELAN VIENS
		COURSES FOR A	VANCED UND	ER GR ADUATES	AND GRADUATES	
FR	311 DICT					
	PREREQUIS SCHOOL FR		NSTRUCTOR.	13 BE TAKEN	CONCURRENTLY.	
	2 HOURS C 35551	R 1/2 UNIT LECT-DISC B	9	TU TH	302 L H	
	35568	LECT-DISC C	10	TU TH	302 L H	WIENG A
	33382	LECT-DISC D	11	M TH TU TH	390 L H 302 L H	VIENS
	35590	LECT-DISC G	3	M TH	390 L H	

FR	IT IS RE PREREQUI 3 HOURS	DNETICS. ECOMMENDED THAT F SITE: CONSENT OF OR 3/4 UNIT	INSTRUCTOR	₹.		
	ALL STUE	DENTS MUST REGIST THROUGH THE INS	ER FOR LANG	SUAGE LABORA	TORY TO BE	
	35601	LECT-DISC LAB	11	TU TH M W F	204N H H 257 E R L	MYERS
FR	PREREQUI	NTAX. ISITE: FR. 213 AN OR 3/4 UNIT	D 214, OR 2	215, OR EQUI	VALENT.	
	35618 35625	LECT-DISC A	8	M W F M W F	374 L H 374 L H	
FR	PREREQUI 3 HOURS	VLISTICS. ISITE: FR. 314. OR 3/4 UNIT LECT-DISC	11	M W F	315 G H	
FR	3 HOURS	ENCH CIVILIZATION OR 3/4 UNIT				
	CAMPUS.		*2	MTUWTHF	ING MAJORS ARE OFF	MAINOUS
	33040		_		230 2 11	714211003
		,	COURSES FOR	R GRADUATES		
FR	4 HOURS	SINNING FRENCH FO	R GRADUATE			
	35657 35664 35671	LECT-DISC X LECT-DISC X LECT-DISC J	8 12 5	MTU THE MTU THE MTU THE	3 G H 3 G H 3 G H	BAKER
FR	PREREQUI 4 HOURS	ADING FRENCH FOR SITE: FR. 400, 0	R FR. 101 /	AND 102, OR I	EQUIVALENT.	
	35689 35696 35707	LECT-DISC X LECT-DISC X LECT-DISC J	8 12 5	MTU THE MTU THE MTU THE	390 L H 390 L H 219 G H	
FR	403 THE PREREQUI 1 UNIT	STUDY OF CULTUR	E: FINE ART TO THE M. A	TS, HISTORY A	AND LITERATURE, I.	
	35714	LECT-DISC	9	M TH	236 L H	SAVIGNON AND NELSON
FR	405 TEA NO CREDI	ACHING COLLEGE FR	ENCH.			
	35721	LECT-DISC	ARR			GRIFFITH
FR	425 EXP PREREQUI 1 UNIT	LICATION DE TEXT	ES, I. TANDING IN	FRENCH.		
	35739	LECT-DISC	1	TU F	390 L H	LEROUX
FR	433 STU	DIES IN SIXTEENT	H CENTURY F	RENCH LITER	ATURE, I.	
		LECT-DISC	2	м тн	390 L H	8 BOWEN
FR	435 STU PREREQUI 1 UNIT	JDIES IN SEVENTEE SITE: GRADUATE S	NTH CENTURY TANDING IN	/ FRENCH LITI FRENCH.	ERATURE, I.	
		LECT-DISC	1	м тн	390 L H	DELEY
FR	437 STU 1 UNIT	JDIES IN EIGHTEEN	TH CENTURY	FRENCH LITE	RATURE, I.	
		LECT-DISC	3	TU F	390 L H	JOST
FR	439 STU 1 UNIT	DIES IN NINETEEN	TH CENTURY	FRENCH LITER	RATURE, I.	
	35778	LECT-DISC	11	TU F	236 L H	TALBOT

FR		DIES IN TWENTI			ATURE, I.	
	1 UNIT	LECT-DISC	10		236 L H	GRAY
FR	1 UNIT	RODUCTION TO C				
	33172	2201-0130	10 1130	, 10 1	370 E II	
FR	PREREQUI:	DIES IN MEDIEN SITE: CONSENT	/AL FRENCH LIT OF INSTRUCTOR	TERATURE.		
	1 UNIT 35803	LECT-DISC	2	TU F	390 L H	
FR	455 HIS	TORY OF FRENCH	t LITERARY CRI	ITICISM.		
	1 UNIT 35811	LECT-DISC	9	TU F	236 L H	V BOWEN
FR		RODUCTION TO F				
	1/2 UNIT 35828				230 L H	KAHANE
			,		230 E 11	KAITANL
FR	PREREQUI:	PROVENCAL HIS SITE: CONSENT	OF INSTRUCTOR	IAR.		
		LECT-DISC	9	м тн	262 L H	BLAYLOCK
FR	472 SEM:	INAR IN SEVENT	TEENTH CENTURY	FRENCH LIT	ERATURE.	
	*1 UNIT TOPIC: RA	AC I NE				
	35842	LECT-DISC	1-3	W	429 LIB	NELSON
FR	*COURSE M	INAR IN NINETE MAY BE REPEATE			RATURE.	
	*1 UNIT 35850	LECT-DISC	9-11	W	308 L H	VELAN
FR		INAR IN TWENTI			ATURE.	
	*1 UNIT	MAY BE REPEATE	2 5		300 ( 11	JAHI EL
	35874	LAB A		m S S		JAHIEL
				ŭ		
FR		INAR IN PROUST SITE: FR. 342		INSTURCTOR	•	
		LECT-DISC	3-5	TH	429 LIB	KOLB
FR	491 INDI	IVIDUAL TOPICS SITE: GRADUATE	S. STANDING WIT	'M A MAIOD O	D MINIOD IN	EDENCH
	1/4 TO 1 *STUDENT	UNIT MUST HAVE CON	SENT OF DEPAR			
	35917	LECT-DISC *A LECT-DISC B	ARR			
FR	499 THES	SIS RESEARCH.				
	0 TO 4 UN 35924	NITS CONF	ARR			

#### GENERAL EDUCATION

STUDENTS WHO ENTER THE SCIENCE AND LETTERS CURRICULUM IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR WHO ENTER OTHER SCHOOLS AND SUBSEQUENTLY TRANSFER TO THE COLLEGE ARE REQUIRED TO COMPLETE AT LEAST ONE APPROVED SEQUENCE IN EACH OF THESE AREAS: HUMANITIES, BIOLOGICAL SCIENCE, PHYSICAL SCIENCE, AND SOCIAL SCIENCE.

THE FOLLOWING SEQUENCES HAVE BEEN APPROVED.

#### BIDLOGICAL SCIENCE

BIOL 100, 101 PHYSL 103 OR 203, PSYCH 103 OR ANY EIGHT HOURS OF COURSES OFFERED BY THE SCHOOL OF LIFE SCIENCES . MCBIO 100 AND 101 PHYSL 103 OR 203 ZOOL 104 RECOMMENDED COURSES ARE: BOT 100 OR 101 ENTOM 103

HUMANITIES A SIX HOUR SEQUENCE IN ONE FOREIGN LITERATURE AT THE 200 AND 300 LEVEL (NOT LANGUAGE COURSES).

ART 111, 112, PLUS EITHER HIST 131, 132 A 300 COURSE IN HISTORY OF ART OR PHIL 323 HIST 191, 192 HIST 323, 324 CLCIV 301, 302
ENGL 101, 102, 103
ENGL 115, 116 PLUS EITHER
131 OR AN ADVANCED COURSE
INVOLVING THE STUDY OF HUMAN 151, 152 HUMAN 201, 202 HUMAN 211, 212 131 OR AN ADVANCED
INVOLVING THE STUDY OF
LITERATURE IN DEPTH (255,
256, 257, 258, 370, 387,
AND 388 ARE EXCLUDED).
MUSIC 130, 131
ONE OF THE FOLLOWING: 103
ONE OF THE FOLLOWING: 103
105, OR 321. ENGL 195, 196 ENGL 251, 252, 253, 287 (ANY 105, OR 321 TWO OF THESE FOUR COURSES). PHIL 101, 102 ENGL 338, 339, 340 (ANY TWO PHIL 303, 306 OF THESE THREE COURSES). RUSS 115, 116 FRENCH 255, 256 SPEECH 177, 178

#### PHYSICAL SCIENCE

ASTR 101, 102 CHEM, ANY 8 HOURS GEOG 102, 103 GEOL 101, 102 L A S 141, 142

MATH 118, 119 OR ANY OTHER 8 HOUR SEQUENCE NOT INCLUDING MATH. 101 OR 118. MATH 124, 134 PHYCS, ANY 8 HOURS

#### SOCIAL SCIENCE

ANTH 102, 103 ECON 108 AND ANY ONE OR TWO OF THE FOLLOWING COURSES: ECON 214, 240, 255 288, 328, 350 GEOG 104, 105 HIST 111, 112 HIST 151, 152 HIST 191, 192 HIST 260, 261, 262

L A S 174 AND ANY ONE OF THE FOLLOWING ANTH 100, POL S 150, SOC 100 PHIL 103, 104 PHIL 103, 104
POL S 184, 191
POL S 191, 192
PSYCH 100, OR 105 AND
ANY ONE OF THE FOLLOWING: 201, 216, 248, 250
SOC 100 AND ANY ONE OF THE
FOLLOWING 212, 218, OR 223 SOC 151, 152 (OR 275)

#### GENERAL ENGINEERING

DEPARTMENT OFFICE 117 T 8

ENGINEERING GRAPHICAL COMMUNICATION.

G E 101

#### COURSES FOR UNDERGRADUATES

PREREQUISITE: PLANE GEOMETRY. \*CREDIT IS NOT GIVEN FOR G. E. 101 IN ADDITION TO G. E. 103 OR G. E. 105. \*3 HOURS LAB-DISC F6 9-12 TU TH 316 T B 35931 3 ENGINEERING GRAPHICS, I. \*CREDIT IS NOT GIVEN FOR G. E. 103 IN ADDITION TO G. E. 101 OR 105. \*3 HOURS SECTIONS &G1, &G2 AND &G6 ARE HONORS SECTIONS. 303 35956 305 T B 35963 308 35971 F 316 T B 35988 201 Т F 35995 113 T B E 36008 114 T B 36015 303 T B 36022 F 308 TR 36030 F 316 T B

RS

S EGI, EG2 AND EG6 ARE HONORS

LAB-DISC A 2 8-10

LAB-DISC A 3 8-10

LAB-DISC A 5 8-10

LAB-DISC A 6 8-10

LAB-DISC A 7 8-10

LAB-DISC A 7 8-10

LAB-DISC A 10 8-10

LAB-DISC B 2 10-12

LAB-DISC B 5 10-12

LAB-DISC B 5 10-12

LAB-DISC B 6 10-12

LAB-DISC B 7 10-12

LAB-DISC B 8 10-12

LAB-DISC B 8 10-12

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LAB-DISC B 10 10-12

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LAB-DISC C 1 1-3

LAB-DISC C 1 1-3

LAB-DISC C 5 1-3

LAB-DISC C 7 1-3

LAB-DISC C 7 1-3

LAB-DISC C 1 1-3

LAB-DISC D 1 3-5

LAB-DISC D 2 3-5

LAB-DISC D 3 3-5

LAB-DISC D 7

LAB-DISC D 7

LAB-DISC D 7

LAB-DISC D 9 3-5 36047 М F 201 T 8 36054 84 E 207 36061 34 F 113 36079 114 36086 302 36093 303 T B 36104 308 T B 36111 316 T B 36129 201 T B T B 36136 113 36143 114 T B 36151 302 T B T B 36168 303 36175 305 T B 36182 316 T B 36190 201 T B 36201 216 T B 36218 114 T B 36225 201 36232 207 T B 36240 216 36257 114 Т 36264 201 т 36271 216 Т 36289 114 Т 36296 302 T B T B 36307 303 36314 316

ENGINEERING GRAPHICS. II. PREREQUISITE: G. E. 103 OR EQUIVALENT. 3 HOURS \*STUDENTS IN SECTION F3 WILL WORK WITH STUDENTS IN G. E. 242. 321 LAB-DISC C3 1-3 M W F 305 T B 339 LAB-DISC \*F3 9-12 TU TH 305 T B 36321 36339

GEOMETRY FOR ARCHITECTS. G F PREREQUISITE: PLANE GEOMETRY. 2 HOURS 1-3 36346 LAB-DISC C8

MWF 207 T B

GEOMETRY FOR ARCHITECTS. PREREQUISITE: G. E. 107. 2 HOURS 36353

LAB-DISC A8 8-10 M W F 207 T B

199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS 36361 CONE A ARR

#### COURSES FOR ADVANCED UNDERGRADUATES

G		E	212 GRA	PHICAL CALC	ULATIONS					
			PREREQUI 1 HOUR	SITE: G. E.	103 OR	EQUIVAL EN	T, MATH. 12	3.		
			36378 36385	LAB-DISC LAB-DISC	F2 H3	10-12 3-5	TU TU	303 305	T T	
G		E		TORY OF ENG			SENT OF INS	TRUCTI	OR.	
			3 HOURS 36392	LECT-DISC	В	10	M W F	206	т	В
			36403	LECT-DISC	C	11	M W F	206	T	
			36411 36428	LECT-DISC	F	10-1120	TU TH	206	T	В
			36435	LECT-DISC	G	1-220	TU TH	206	Ŧ	В
G		E	221 INT	RODUCTION T	O GENERA	L ENGINEE	RING DESIGN			
				SITE: G. E.					101	N I N
			36442	LECT-DISC	A9	8-10 10-12	M W F	216 216	Ţ	В
			36450	LEC 1-013C	89	10-12	m w r	216	1	В
G	1	E		INEERING AS SITE: SENIO					rof	₹.
			3 HOURS 36467	LECT-DISC	Н	3-420	TU TH	206	Т	8
G		E	PREREQUI 3 HOURS	INEERING AN SITE: G. E.	ALYSIS, 221, T.	A. M. 21	1.			
			36474 36481	LECT-DISC		10-12 1-3	M W F	306 216		
			30.01	2201 5150	0,			210	•	
G		Е	232 ENG	INEERING AN	ALYSIS,	11.				
			4 HOURS	SITE: G. E.						
			36499 36500	LECT-DISC	A C	9	MTU THE	302 203		
										_
G	1	Ė	241 COM				,			
			4 HOURS	SITE: G. E.						
			36517	LECT-DISC	A4 A4	8-10 9	M F	306 306	T	
			36524	LECT-DISC	C4 C4	1-3	M F	306 306	T	В
					04	•	"	300	•	U
G	1	Ε		JECT DESIGN						
			3 HOURS	SITE: G. E.	241, 28	8.				
			36531	LECT-DISC	A	9-12	TU TH	306	T	В
C		c	291 ENC	INEERING IN	EL HENCE I	ON BUSTNE	SS DECISION	c		
Ģ		_	PREREQUI	SITE: JUNIO	R STANDI	NG (NON-E	NG INEERS).	3.		
			3 HOURS 36549	LAB-DISC	G3	1-3	TU TH	305	т	В
G	-	E		RODUCTION T SITE: SENIO						
			1 HOUR						т	
			36556 36563	LECT-DISC	A B	8	M W	206 206	T	
G	- 1	E	288 ECO PREREQUI	NOMIC ANALY SITE: JUNIO	SIS FOR	ENGINEERI	NG DECISION	MAK IN	VG.	NT.
			OF INSTR	UC TOR.	31711011			00143	e to 1	
			3 HOURS 36571	DISC	A	10	M W E	305	Ţ	
			36588	DISC	В	3	M W F	206	Ţ	В

CONTRACTS AND SPECIFICATIONS GE 290 SAME AS C. E. 290.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE.
\*CREDIT IS NOT GIVEN FOR G. E. 290 IN ADDITION TO G. E. 292. #2 HOURS 36595 LECT-DISC P 11 TU TH 305 E H 36606 TU TH G E 291 GENERAL ENGINEERING SEMINAR. PREREQUISITE: SENIOR STANDING IN GENERAL ENGINEERING. O CREDIT 36613 LECT-DISC A 203 T B ENGINEERING LAW.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE, OR GF 292 CONSENT OF INSTRUCTOR.
\*CREDIT IS NOT GIVEN FOR G. E. 292 IN ADDITION TO G. E. OR C. E. 290. #3 HOURS 36621 LECT-DISC A LECT-DISC B LECT-DISC C T B 206 36638 206 T B 36645 203 293 SPECIAL PROBLEMS. PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR. 1 TO 4 HOURS 36652 CONF ARR COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES G F PROFESSIONAL EXPRESSION. PREREQUISITE: ADVANCED OR GRADUATE STANDING AND CONSENT OF INSTRUCTOR. 3 OR 4 HOURS, OR 1 UNIT \*EQUIVALENT OF ANOTHER WEEKLY MEETING ARRANGED AT CONVENIENCE OF STUDENTS REGISTERING FOR FOUR HOURS OF CREDIT. LECT-DISC D #11 M W F 305 T B ENGINEERING APPLICATIONS OF METEOROLOGICAL FUNDAMENTALS.
PREREQUISITE: SENIOR STANDING IN ENGINEERING, CHEMISTRY, OR 360 PHYSICS, MATH. 142 OR 143, PHYCS. 106, 107, AND 108, M. E. 205, AND 206, OR M. E. 209 OR CHEM. 342 AND 344 OR PHYCS. 360. 4 HOURS OR 1 UNIT LECT-DISC 10 M 10-12 W 302 T 8 36677 Δ Δ G E 393 SPECIAL PROBLEMS. PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.

1 TO 4 HOURS, OR 1/4 TO 1 UNIT

\*SECTION A IS FOR GENERAL ENGINEERING STUDENTS \*SECTION &B IS AN HONORS SECTION. \*SECTION C IS TECHNIQUES AND APPLICATIONS IN ENGINEERING DESIGN ANALYSIS. CREDIT -- 3 HOURS. \*SECTION D IS OPTIMIZATION IN ENGINEERING DESIGN. CREDIT--3 HOURS.
SECTION F IS SCIENCE OF AEROSPACE. PREREQUISITE: EDUCATION MAJOR. CREDIT -- 3 HOURS OR 1 UNIT.

36684

36691

36702

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DEPARTMENT OFFICE

220 D H

MAJOR: TWENTY HOURS IN GEOGRAPHY IN ADDITION TO GEOGRAPHY 103. AT LEAST FIFTEEN OF THE THENTY HOURS MUST BE IN COURSES CARRYING ADVANCED CREDIT. INDIVIDUAL PROGRAMS ARE ARRANGED FOR MAJOR STUDENTS WITH THE FOLLOWING SPECIAL INTERESTS: LIBERAL EDUCATION, BUSINESS, CARTOGRAPHY, GOVERNMENT, TEACHING, OR GRADUATE STUDY. THESE PROGRAMS INCLUDE DEPARTMENTAL COURSES, MINOR FIELDS, AND RECOMMENDED ELECTIVES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTS OUTSIDE THE COLLEGE. MINOR PROGRAMS IN DEPARTMENTS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED IN CONSULTATION WITH THE DEPARTMENTAL ADVISER AND WITH THE APPROVAL OF THE DEAN OF THE COLLEGE. AT LEAST EIGHT HOURS OF THE TWENTY MINOR HOURS MUST BE TAKEN IN EACH IF THE STUDENT ELECTS TO MINOR IN TWO DIFFERENT DEPARTMENTS.

DEPARTMENTAL DISTINCTION: STUDENTS ELIGIBLE FOR GRADUATION WITH HONORS IN LIBERAL ARTS AND SCIENCES SHOULD CONSULT WITH THE DEPARTMENTAL ADVISER CONCERNING GRADUATION WITH DISTINCTION IN GEOGRAPHY.

#### COURSES FOR UNDERGRADUATES

PHYSICAL GEOGRAPHY. I. GENG 102

4 HOURS \*SECTION &2 IS RESERVED FOR JAMES SCHOLARS AND OTHER

SUPERIOR STUDENTS.

36734 LECT N 10 TU TH 66 LIB 8-10 143A M E B 36741 **DUI 7** 1 NA. 36823 QUIZ **\$**23 8-10 143A M E B 36759 QUIZ 3 10-12 М 143A M E 36766 QUIZ 4 10-12 143A M E 36773 QUIZ 5 1-3 W 143A M E F 36781 QUIZ 1-3 143A M QUIZ F 36798 8-10 143A M 10-12 36809 ZIUD В 143A M E В 36816 QUIZ 143A M E B 3-5 92091 QUIZ 10 3-5 143A M E

GEOG PHYSICAL GEOGRAPHY, II. 103

4 HOURS

\*SECTION &5 IS RESERVED FOR JAMES SCHOLARS AND OTHER

SUPERIOR STUDENTS.

36831 LECT 9 TU TH 314 36848 LEC T Р 11 TU TH 314 A H 36855 LAB-DISC I 8 175 DH 8-10 175 D 175 36862 LAB-DISC TU 8-10 TH 175 36870 LAB-DISC 3 9 177 D F 177 3 8-10 Tυ 177 Đ 8-10 TH 177 D 37003 LAB-DISC **\*&5** 10 М 175 D ÷85 10-12 175 Đ 36894 LAB-DISC М 177 6 10 D 6 10-12 177 D н 36905 TU LAB-DISC 7 11 175 D H 7 10-12 TH 175 Đ н 36912 LAB-DISC 8 11 М 175 Đ н R 10-12 F 175 Ð н 36920 LAB-DISC 9 11 М 177 D Н 10-12 9 F 177 n Н 36937 LAB-DISC 10 TU 177 D н 10 1 - 3TH 177 DH 36944 LAB-DISC 11 М D 175 1-3 175 11 36951 LAB-DISC М 175 12 1-3 175

BOOTH

ALEXANDER ALEXANDER

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GEOG 103 CONTINUED
       36969
                   LAB-DISC
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                               13
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       36976
                   LAB-DISC
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                               14
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       36983
                   LAB-DISC
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                                         3
                                                     TH
                               15
                                         3-5
                                                              177
       36991
                   LAB-DISC
                                                  М
                                                              175
                                                                   DH
                               16
                                         4
                                         3-5
                                                              177
                                                                   D H
                               16
              WORLD REGIONAL GEOGRAPHY.
GEOG 104
         4 HOURS
         *SECTION &12 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.
       37011
                   LECT
                                        11
                                                              228 N H B
                                                                                   JAKLE
       37028
                   QUIZ
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                                                  М
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                                                                    D H
       37035
                   QUIZ
                                 2
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                                                              177
       37042
                   QUIZ
                                3
                                         Q
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       37050
                   QUIZ
                                        9
                                                   TU
                                                              175
       37067
                   QUIZ
                                5
                                        10
                                                              175
                                                   TU
       37074
                   QUIZ
                                6
                                        10
                                                      TH
                                                              177
                                                   TU
       37081
                   QUIZ
                                                              177
                                        11
       37099
                   QUIZ
                                8
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                                         1
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W
       37100
                   QUIZ
                                9
                                                              177
                                         1
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       37117
                   QUIZ
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       37124
                   QUIZ
                               11
                                         2
                                                              175
                                                                   D H
       37131
                   QUI7
                              *612
                                         3
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                                                                   D H
                                                                                    ROSEMAN
GEOG 105 IN
4 HOURS
              INTRODUCTORY ECONOMIC GEOGRAPHY.
         *SECTION &2 IS RESERVED FOR JAMES SCHOLARS AND OTHER
          SUPERIOR STUDENTS.
       37149
                   LECT
                               D
                                        11
                                                              114 BKH
                                                                                   ROEPKE
       37156
                   QUIZ
                                         8
                                                              177
       37221
                   QUIZ
                              *82
                                                   TU
                                                              177
                                        10
                                                                   D H
       37163
                   QUIZ
                               3
                                                   TU
                                                              175
                                         1
       37171
                   QUIZ
                               4
                                         1
                                                              177
       37188
                   QUIZ
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       37195
                   ZIUP
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                               6
                                         3
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                               7
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       37206
                   QUIZ
                                         4
                                                  TU
                                                                   D H
                                                      TH
       37213
                                                              175
                                                                   D H
                   QUIZ
                               8
GEOG 185
              INTRODUCTION TO SOCIAL STATISTICS.
         SAME AS SOC. 185.
PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR, OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY, OR GEOGRAPHY.
          3 HOURS
          *SECTIONS A1, B1, AND C1 ARE FOR GEOGRAPHY MAJORS ONLY. ALL OTHER
          STUDENTS MUST ENROLL IN SECTIONS A2, B2, OR C2. SOCIOLOGY MAJORS
          SEE SOCIOLOGY 185.
       37238
                 LECT-DISC *A1
                                         9-1030
                                                  TU TH
                                                                                   SUMMERS
                   LECT-DISC *A2
LECT-DISC *B1
       37245
                                         9-1030
                                                   TU TH
                                                              340
                                                                   LH
                                                  M W F
       92101
                                                              314
                                                                   L H
       92119
                   LECT-DISC *B2
                                                              314
                                                                   1. H
                   LECT-DISC *C1
       92126
                                         8
                                                              340
                                                     W
                                                                   L H
       92133
                   LECT-DISC *C2
                                                              340
                                                                   1 H
                                         8
              UNDERGRADUATE HONORS SEMINAR.
GEOG
         PREREQUISITE: FRESHMAN HONORS STUDENT.
         3 HOURS
                                                TU
                  LECT-DISC G1
LECT-DISC G2
                                         3-5
                                                             219 D H
219 D H
                                                                                   RUSSELL
       37260
                                                     TH
       37277
                                         3-5
                                                                                    WIENS
                           COURSES FOR ADVANCED UNDERGRADUATES
             GEOGRAPHY IN WORLD AFFAIRS.
GEOG 210
         3 HOURS
     9 37284
                   LECT-DISC
                                                 TU
                                                              119
                                                                                    GARLAND
                                        10-12
                                                              119
GEOG 214
               CONSERVATION OF NATURAL RESOURCES.
         3 HOURS
       37291
                   LECT-DISC F
                                                              112
                                                                   CA
                                                                                    BOOTH
                                                  M W F
            GEOGRAPHY OF ANGLO-AMERICA.
GEOG 223
         3 HOURS
7302 LECT-DISC B 9
      37302
                                                  M W F
                                                              323 D H
                                                                                   GARLAND
```

GEOG	241 HISTORICAL GEOGRAPHY OF EUROPE. 3 HOURS 37310 LECT-DISC D 11 M W F 219 D H	RUSSELL
	COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES	
GEOG	313 CLIMATES OF THE CONTINENTS.  PREREQUISITE: GEOG. 102 OR CONSENT OF INSTRUCTOR.  3 HOURS OR 3/4 UNIT  37327 LECT-DISC L 8 TU 323 D H  L 8-10 TH 323 D H	LAHEY
GEOG	331 GEOGRAPHY OF CARIBBEAN AMERICA. 3 HOURS OR 3/4 UNIT 37334 LECT-DISC E 1 M W F 113 D H	AUGELL I
GEOG	351 GEOGRAPHY OF ASIA. 3 HOURS OR 3/4 UNIT 37341 LECT-DISC N 10 TU 113 D H N 10-12 TH 113 D H	WIENS
GEOG	353 GEOGRAPHY OF THE U.S.S.R. 3 HOURS OR 3/4 UNIT 37359 LECT-DISC C 10 M W F 113 D H	FELLMANN
GEOG	355 GEOGRAPHY OF CENTRAL AND SOUTH AFRICA. 3 HOURS OR 3/4 UNIT 37366 LECT-DISC D 11 M W F 113 D H	ALEXANDER
GEOG	357 GEOGRAPHY OF THE MIDDLE EAST AND NORTH AFRICA. 3 HOURS OR 3/4 UNIT 37373 LECT-DISC C 10 M W F 323 D H	FOSTER
GEOG	362 GEOGRAPHY OF MANUFACTURING. 3 HOURS OR 3/4 UNIT 37381 LECT-DISC B 9 M W F 113 D H	ROEPKE
GEOG	369 INTRODUCTION TO HUMAN ECOLOGY. SAME AS ANTH., H. ED., PHYSL., PSYCH., SOC., V.M.S. AND	
	ZOOL. 369.  PREREQUISITE: ONE YEAR OF BIOLOGY, AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.  *A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.  *3 OR 5 HOURS, OR 1/2 OR 1 UNIT  37398 LECT-DISC 11 M W F 112 C A	TODD & OTHERS
GEOG	PREREQUISITE: GEOG. 185, OR ONE YEAR COLLEGE MATHEMATICS, OR ONE COURSE IN STATISTICS, OR THE EQUIVALENT. 3 HOURS OR 3/4 UNIT	NUNNALLY
GEOG	371 INTRODUCTION TO RESEARCH, I.  PREREQUISITE: GEOGRAPHY MAJOR.  3 HOURS OR 3/4 UNIT  37416 LECT-DISC R 1-3 TU 323 D H  R 1 TH 323 D H	JAKLE, ROSEMAN
GEOG	372 INTRODUCTION TO RESEARCH, II. 2 HOURS OR 1/2 UNIT 37423 LECT-DISC ARR	STAFF
GEOG	373 MAP COMPILATION AND CONSTRUCTION. 4 HOURS OR 1 UNIT 37431 LECT-DISC G 2-5 W F 318 D H	FOSTER

GEOG	TWO HAL	SCRIPTIVE II							
	37448	LECT	S	2	TU	112	СА		NUNNALLY
	37455	LAB	1	3-5	TU TH	ARR			
	37462	LAB	2	3-5	M W	ARR			
GEOG	386 PO	ITICAL GEO	GRAPHY.						
		OR 3/4 UNI		_					
	37470	LECT-DISC	F	2	M W F	113	υн		GARLAND
			С	OURSES FOR	GRADUATES				
GEOG	PREREQU 1 UNIT	E EVOLUTION ME AS AGRONA ISITE: CONSI	. AND A	NTH. 429.					•
	37487	CONF		ARR					ALEXANDER
GEOG	463 HI:	STORICAL GE	DGRAPHY	•					
	37494	LECT-DISC	G	3-5	W	219	DH		RUSSELL, JAK
GEOG	477 ARI	EA ANALYSIS							
0200	1 UNIT								
	37505	LECT-DISC	Ŧ	3-5	TU	113	DH		FOSTER
GEOG	1/2 TO : WORK MA' PHYSICAL CULTURAL ASIA, RE URBAN, LE MIDDLE E ANGLO AE ECONOMIC MARKETIM HUMAN RECL LATIN AM CLIMATOL HISTORIC SOCIAL GEOMORP ASIA, HI	/ BE TAKEN ., LATIN AMI ., LATIN AMI ., LATIN AMI .SOURCE MAN. J. S. S. R. EAST, ADVANG EERICA, POLI .G GEOGRAPHY, .G GEOGRAPHY .G GEOG	IN THE , AFRICA AGEMENT CED CAR ITICAL , INDUS Y S. S. R ROLOGY AND CU MIGRATI	FOLLOWING A, AGRICUL , TRANSPOR TOGRAPHY GEOGRAPHY, TRIAL LOCA' LTURAL GEO ON, QUANTI	TURAL ORIGI TATION  REGIONALIS TION, EUROP	, M PE	B C D E F G H I J	ALEXANDER AUGELLI BOOTH FELLMAN FOSTER GARLAND ROEPKE RUSSELL SHIMKIN THOMPSON LAHEY JAKLE ROSEMAN SCHEIDEGGE WIENS	
	92141 37512	CONF	B B	ARR					ALEXANDER AUGELL I
	37520	CONF	C	ARR					BOOTH
	37537	CONF	D	ARR					FELLMANN
	37544 37551	CONF	E G	ARR					FOSTER '
	37569	CONF	Ħ	ARR					RUSSELL
	37576	CONF	J	ARR					THOMPSON
	37583 37591	CONF	K M	ARR					JAKLE
	37601	CONF	0	ARR					ROSEMAN
	37619	CONF	S	2-4	TU TH	143A	M E	В	SCHEIDEGGER
	92158	CONF	M	ARR					WIENS
GEOG	497 DEN	VELOPMENT OF	GEOGR	APHIC THOU	GHT.				
	37626	LECT-DISC	R	1-3	TH	113	DH		FELLMANN
GEOG		SIS RESEARC	CH.						
	0 TO 4 U			400					CYACC
	37633	CONF		ARR					STAFF

LAS CURRICULUM IN GEOLOGY: A TOTAL OF 130 HOURS OF CREDIT INCLUDING THE FOLLOWING COURSES: GEOLOGY 101, 102, 215, 301 OR 307 OR 357, 311, 320, 321, 331, 332, 335 AND 336; CHEMISTRY 101 AND 102 OR CHEMISTRY 107 AND 108; PHYSICS 106, 107 AND 108; MATHEMATICS 120, 130 AND 140 AND 8 HOURS OF BIOLOGICAL SCIENCE.

#### LAS GENERAL CURRICULUM:

MAJOR: NOT LESS THAN TWENTY HOURS IN GEOLOGY, EXCLUDING ALL 100-LEVEL GEOLOGY COURSES EXCEPT GEOLOGY 115. INCLUDED MUST BE GEOLOGY 331 AND 332 OR GEOLOGY 233, GEOLOGY 320 AND 321 OR GEOLOGY 222, GEOLOGY 215, AND AT LEAST ONE ADDITIONAL 300-LEVEL COURSE IN GEOLOGY.

IN ADDITION THE STUDENT MUST COMPLETE EITHER CHEMISTRY 101 OR 107, PHYSICS 101 OR 106, AND MATHEMATICS 120.

MINDRS: TWENTY HOURS CHOSEN FROM ONE OR TWO OF THE FOLLOWING SUBJECTS: ANTHROPOLOGY, ASTRONOMY, BOTANY, CHEMISTRY, CIVIL ENGINERING, ECONOMICS, GEOGRAPHY, MATHEMATICS, MINING ENGINEERING, PHYSICS, AND ZOOLOGY, AFTER CONSULTATION WITH THE DEPARTMENT OF GEOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

DEPARTMENTAL DISTINCTION: STUDENTS WHO MAINTAIN A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL GEOLOGY COURSES AND 4.0 IN ALL OTHER SCIENCE AND MATHEMATICS COURSES, AND WHO COMPLETE AN ACCEPTABLE BACHELOR'S THESIS BASED ON UNDERGRADUATE RESEARCH ARE RECOMMENDED FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

AT LEAST ONE YEAR OF GRADUATE WORK IS NECESSARY AS FURTHER TRAINING FOR ALL PROFESSIONAL WORK IN GEOLOGY. STUDENTS INTERESTED IN OCEANOGRAPHY SHOULD CONSULT WITH ADVISERS IN THE DEPARTMENT OF GEOLOGY.

#### COURSES FOR UNDERGRADUATES

GEOL	101	PH	YSICAL	GEOLOGY	•	
	FI	ELD T	RIP, E	STIMATED	COST	\$2.00.
	4 1	HOUR S				

STUDENTS ENROLL IN ONE LAB-QUIZ-LECTURE COMBINATION. \*LAB-QUIZ COMBINATIONS &10 AND &20 ARE RESERVED FOR

JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS. ADMISSION TO THESE SECTIONS REQUIRE CONCURRENT REGISTRATION IN GEOL. 111.

SECTIONS	REQUIRE CO	INCURRENT	REGISTRA	LIOI	4 II	N GEO	L. 11	1.			
37641	LAB-DISC	1	8-10		Ti	4	241	N	Н	В	
	LECT	C	10	М	W	F	140	ВE	٧	HALL	CHAPMAN
37658	LAB-DISC	2	10-12		Ti	4	241	N	Н	В	
	LECT	C 3	10	M	W	F	140	BE	٧	HALL	
37665	LAB-DISC	3	1-3		TH	4	241	N	Н	В	
	LECT	С	10	М	W	F	140	ΒE	٧	HALL	
37672	LAB-DISC	4	3-5		T)	1	241	N	Н	В	
	LECT	C	10	H	W	F	140	ΒE	٧	HALL	
37680	LAB-DISC	6.5	1-3		TH	4	120	N	Н	В	
	LECT	C	10	M	W	F	140	ВE	٧	HALL	
37697	LAB-DISC	6	8-10	M			251	N	Н	В	
	LECT	E	1	M	W	F	228	N	Н	В	WOOD
37708	LAB-DISC	7	10-12	M			251	N	Н	В	
	LECT	E	1	М	W	F	228	N	Н	В	
37715	LAB-DISC	8	2-4	М			251			В	
	LECT	E	I	M	W	F	228		Н	В	
37722	LAB-DISC	9	8-10	TU			251		Н	8	
	LECT	E	1	M	W	F	228	N	Н	В	
37829	LAB-DISC	610	10-12	TI			251			В	
	LECT	E	1	М	W	F	228	N	Н	В	
37730	LAB-DISC	11	1-3	TI			251			В	
	LECT	E	1	M	W	F	228	N	Н	В	

```
LECT
                                                          F
                                                                228
                                                                     NHB
        37754
                    LAB-DISC
                                13
                                          8-10
                                                                251
                                                                     NHB
                    LECT
                                                          F
                                                                228
                                Ε
                    LAB-DISC
                                14
                                                                251
       37761
                                         10-12
                                                          F
                    LECT
                                                                228
                    LAB-DISC
                                15
                                          2-4
                                                                251
                    LECT
                                                          F
                                                                228
                                                                         В
       37786
                    LAB-DISC
                                16
                                          8-10
                                                                251
                                                                     NHB
                    LECT
                                                          F
                                                                228
                                                       W
                                                                     NHB
                                Е
                    LAB-DISC
                                17
                                         10-12
       37793
                                                        TH
                                                                251
                                                                     NHB
                    LECT
                                                                228
                                Ε
                                                                     NHA
                    LAB-DISC
                                18
                                                        TH
       37804
                                          1-3
                                                                251
                                                                     NHR
                    LECT
                                Ε
                                                          E
                                                                228
                                                                     NHB
                    LAB-DISC
                                19
       37811
                                          3-5
                                                        TH
                                                                251
                                                                     NHB
                    LECT
                                                   м
                                                                228
                                                                     NHB
       37836
                    LAB-DISC
                               *820
                                          1-3
                                                    ΤU
                                                                120
                                                                     NHB
                                                   м
                    LECT
                               #E
                                                                228
GEOL
         PREREQUISITE: GEOL. 101 OR 105 OR 250, OR L. A. S. 142. FIELD TRIP, ESTIMATED COST $5.50.
          4 HOURS
          STUDENTS MUST REGISTER IN ONE LAB-DISC/LECT COMBINATION.
          *HONORS STUDENTS MUST REGISTER IN ONE LAB-DISC &7/LECT COMBINATION AND MUST REGISTER CONCURRENTLY IN GEOL 112.
       37843
                               1
                   LAB-DISC
                                         3-5
                                                    TU
                                                                241
                                                                     NHB
                   LECT
                                F
                                          2
                                                    M W
                                                                     н н
                                                                                      MANN
       37851
                                          3-5
                   LAB-DISC
                                2
                                                       W
                                                                241
                                                                     NHB
                    LECT
                                E
                                                   M
                                                                202
                                                                     н н
       37868
                    LAB-DISC
                                3
                                          8-10
                                                    TU
                                                                241
                                                                     NHB
                    LECT
                                G
                                          3
                                                   м
                                                                228
                                                                     N H B
                                                                                      CAPOZZI
       37875
                    LAB-DISC
                                4
                                         10-12
                                                    TU
                                                                241
                                                                     NHB
                   LECT
                                G
                                                   М
                                                                228
       37882
                    LAB-DISC
                                5
                                          1-3
                                                    ΤU
                                                                241
                                                   м м
                    LECT
                                G
                                                                228
       37890
                   LAB-DISC
                                          1-3
                                                                241
                                6
                                                      W
                    LECT
                                                                228
                                                                     NHB
                                G
                                                       W
       37901
                    LAB-DISC
                               #£7
                                          3~5
                                                    TU
                                                                120
                                                                     NHB
                                                    M W
                    LECT
                               ≠ F
                                                                202
                                                                     в н
                    LAB-DISC
       37918
                              *8.7
                                          3-5
                                                    TU
                                                                120
                                                                     NHB
                    LECT
                               *G
                                                   M W
                                                                228
                                                                     NHB
GEOL
               AGRICULTURAL GEOLOGY.
         FOR AGRICULTURE STUDENTS ONLY.
PREREQUISITE: ONE SEMESTER OF CHEMISTRY.
                TRIP, ESTIMATED COST $2.00.
          FIELD
          4 HOURS
          STUDENTS ENROLL IN ONE LAB-QUIZ-LECT COMBINATION.
       37925
                   LAB
                                1
                                         10-12
                                                    TU 413
                                                                     NHB
                                                      W
                    QUIZ
                                                                241
                                                                     NHB
                                          1
                                                     TU TH
                                                                100
                                                                     M M B
                                                                                      FOLLMER
                    LECT
       37932
                                2
                                          1-3
                    LAB
                                                     TU
                                                                413
                                                                     NHB
                    QUI7
                                2
                                                                413
                                                                     NHB
                                                     TU TH
                                                                     M M B
                    LECT
                                          9
       37940
                                3
                                          3-5
                    LAB
                                                     TU
                                                                413
                                                                     NHB
                    QUIZ
                                3
                                          1
                                                                229
                                                                     NHB
                    LECT
                                          a
                                                     TU TH
                                                                100
                                                                     M M B
                                                      W
       37957
                    LAB
                                4
                                          8-10
                                                                413
                                                                     N H B
                    QUIZ
                                4
                                                       W
                                                                413
                                                                     NHB
                                          1
                    LECT
                                          9
                                                     TU TH
                                                                100
       37964
                    LAB
                                5
                                         10-12
                                                     W
                                                                413
                    QUIZ
                                5
                                          1
                                                                251
                    LECT
                                          9
                                                     TU TH
                                                                100
                                                                     M M B
       37971
                    LAB
                                          3-5
                                                     W
                                                                413
                                                                     N H B
                                6
                                          2
                                                                     BUR HALL
                    OUT 7
                                6
                                                                136
                    LECT
                                                     TU TH
                                                                     MMB
                                          9
                                                                100
       37989
                    LAB
                                7
                                         10-12
                                                       TH
                                                                413
                                                                     NHE
                    OUIZ
                                7
                                          2
                                                                241
                                                                     NHB
                                                    TU TH
                    LECT
                                          9
                                                                100
                                                                     MMB
                                Я
       37996
                    IAR
                                          1 - 3
                                                       TH
                                                                413
                                                                     NHE
                    SIUP
                                8
                                                                413
                                                                     NHE
                    LECT
                                          0
                                                    TU TH
                                                                100
                                                                     M M B
                                                     TH
       38009
                    LAB
                                9
                                          3-5
                                                                413
                                                                     NBB
```

01 CONTINUED 37747

LAB-DISC

12

3-5

TU

251

NHB

GEOL

F

TU TH

204 H H

100

M M B

QUIZ

LECT

9

GEOL 111 HONORS: PHYSICAL GEOLOGY.

PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS SECTIONS OF
GEOL. 101, JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR. 2 DAY FIELD TRIP. 1 HOUR 38016 LAB-DISC &A TH 147 N H B D ANDERSON MONORS: HISTORICAL GEOLOGY.

PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS LABORATORY OF GEOL. 102. JAMES SCHOLAR OR CONSENT OF INSTRUCTOR.

2 DAY FIELD TRIP. GEOL 112 HOUR 38023 LAB-DISC &A 3 TH 147 N H B COURSES FOR ADVANCED UNDERGRADUATES 222 PALEONTOLOGY AND STRATIGRAPHY. GEOL PREREQUISITE: GEOL. 102.
\*STUDENTS MAY NOT RECEIVE CREDIT FOR GEOL. 222 AND 320. \*4 HOURS M W F 120 N H B SANDBERG 38031 10 3-5 TH 120 N H B IAB 250 GEOLOGY FOR ENGINEERS.

PREREQUISITE: T. A. M. 150 OR 152, SOPHOMORE STANDING IN THE COLLEGE OF ENGINEERING. GEOL 250 3 HOURS 38048 LECT 11 11 TU TH 1-3 TU 202 H H PATTON 38055 LAB 316 N H B 316 N H B 38062 LAB 3-5 TU 316 38070 LAB 3 1-3 316 NHB W 316 N H B 316 N H B 316 N H B 38087 LAB 3-5 LAB TH 38094 5 1-3 38105 3-5 LAB GEDL 290 RESEARCH AND THESIS. CREDIT TO BE ARRANGED. 38112 STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES GEOL 301 GEOMORPHOLOGY. PREREQUISITE: GEOL. 102. FIELD TRIPS. 4 HOURS OR 1 UNIT 38120 LECT 38137 LAB 38144 LAB 1-3 3-5 M W F 229 N H B 10 WHITE TU TU 1 147 N H B 2 147 NHB GEOL 303 3 HISTORY OF GEOLOGY.
PREREQUISITE: GEOL. 102 OR CONSENT OF INSTRUCTOR. 4 HOURS OR 1 UNIT 2 M W F 229 N H B 38151 CAROZZI ADVANCED FIELD METHODS.
PREPARATION OF A REPORT. PREREQUISITE: GEOL. 215. 2 TO 8 HOURS, OR 1/2 TO 2 UNITS 38169 STAFF GEOL 320 INVERTEBRATE PALEONTOLOGY. PREREQUISITE: GEOL. 102. \*STUDENTS MAY NOT RECEIVE CREDIT FOR GEOL. 222 AND 320. \*4 HOURS OR 1 UNIT 229 N H B 120 N H B 120 N H B 38176 LECT 11 M W 8-10 TU TH 10-12 TU TH BLAKE 1 2 38183 LAB 38191 LAB 10-12

GEOL		EOBOTANY.							
	PREREQU! OF INSTR	ME AS BOT. 32 ISITE: BOT. 1	100 DR D.	G.S. 131	AND 132, G	EOL.	101 OR	CONSENT	
	2 OR 3 F	TIELD TRIPS. OR 1 UNIT							
		LAB-DISC		1-4	TU TH	306	N H B		PHILLIPS
GEOL	331 MIN	NERALOGY.							
000	PREREQUI	SITE: GEOL.	102 AND	CREDIT C	R REGISTRAT	ION I	N		
	*CREDIT	NOT ALLOWED OR 1 UNIT	FOR BOTH	GEOL. 3	31 AND 233.				
	38219 38226	LECT	1	9 1-3	M W TU TH		N H B		HENDERSON
	38233 38241	LAB LAB	2	3-5 10-12	TU TH	109	NHB		1
	30241	END	,	10-12	10 11	109	N H D		
GEOL	335 001	ICAL MINERAL DENTS IN GEOL	OGY. CER	AMTCS. C	HEMICTOV. M	TNING	. AND		
	AGR ICUL 1			ANIUS, C	inchistry h	1141140	AND		
		OR 1 UNIT	132 •	9	TU TH	204	NHB		HENDERSON
	38265 38272	LAB	1 2	1-3	TU TH	204			HENDERSON
	30212	LAD	2	3-5	10 111	204	NHD		
GEOL		ORETICAL GEO			LCIN HE ONE	WEAD	0.5		
	PHYSICS:	GEOL. 311 / OR 1 UNIT	ND CONSE	NT OF IN	ISTRUCTOR.	YEAR	UF		
		LECT		9	M W F	147	и н в		T ANDERSON AND DONATH
									AND DUNATH
GEDL	370 008	ANOGRAPHY.	100 OR 70	01 104	CHEM 101	CEOL	101		
	PHYCS. 1	.01; OR CONSE				GEUL	. 101,		
	38297	OR 1 UNIT LECT		1	M W F	147	NHB		HAY
			COLIR	SES ENR	GRADUATES				
			0001	J. J . I . I	0.1.10 0.1 12 0				
GEOL	415 REC	SIONAL FIELD	GEOLOGY.	TPUCTOR.					
	1 UNIT	LAB-DISC	AR						LANGENHEIM
GEOL		RATIGRAPHIC O		PALEOZOI	С.				
	1 UNIT 38315	LECT		8	TU TH	236	NHB		LANGENHEIM
	*****								
GEOL	433 X-R	AY MINERALO	Y. NT OF INS	TRUCTOR.					
	1 UNIT 38322	LECT-DISC				229	NНВ		GUVEN
	,002	2201 3130					. , , ,		
GEOL	437 SEC	IMENTARY PET	ROLOGY.						
	1 UNIT 38330	LECT		3	M W F	134	N H 8		KLEIN
		LAB		1-3	ТН	134	N H B		
GEOL	440 MIN	VERAGRAPHY.							
	1 UNIT 38347	LAB-DISC		3-5	F	208	NHB		HAGNER
GEOL	443 MIN	NERAL DEPOSIT	S, I. 311.						
	1 UNIT 38354	LAB-DISC		3-5	M W	208	NНВ		HAGNER

O PRINCIPLES OF ENGINEERING GEOLOGY.
PREREQUISITE: GEOL. 250 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
THREE DAY FIELD TRIP IS INTEGRAL PART OF COURSE.
1 UNIT GEDI 450 38361 THE TH 316 N H B DEERE. PATTON LECT 9-11 455 H GEOL HYDROGEOLOGY. TU TH 38379 LECT-DISC 3-5 315 N H B DOMENICO GEOL 461 MINERALOGY OF CLAYS, I. SAME AS CER. E. 461.
PREREQUISITE: GEOL. 336 OR CHEM. 328 OR EQUIVALENT, CONSENT OF INSTRUCTOR. 1 UNIT 38386 LECT 10 M W F 109 N H B EADES, GUVEN LAB ARR GEOL ADVANCED STUDIES IN GEOLOGY. 493 1/2 TO 2 UNITS A--CLAY MINERALOGY B--ENGINEERING GEOLOGY C--GEOMORPHOLOGY AND GLACIAL GEOLOGY D--GEOTECTONICS E--GROUND-WATER GEOLOGY F--MICROPAL EONTOLOGY G--MINERAL DEPOSITS H--MINERALOGY AND CRYSTALLOGRAPHY I -- PALEONTOLOGY J--GEOCHEMISTRY K--GEOPHYSICS L--PETROGRAPHY AND PETROLOGY M-- SEDIMENTOLOGY N--STRATIGRAPHY O--OCEANOGRAPHY AND OCEAN ENGINEERING P-- SUBMARINE GEOLOGY Q--STRUCTURAL GEOLOGY CONF 38404 ΔRR EADES, GUVEN DEERE, PATTON ARR 38411 CONF WHITE, JOHNSON 38429 C ARR 38436 CONE Ω ADD CAROZZI, WOOD CONF ARR 38443 Ε DOMENICO 38451 CONF F ARR COLLINSON, HAY AND SANDBERG 38468 CONF G ARR HAGNER 38475 LECT Н 3-415 TU TH 229 N H B HOLDER BLAKE, HAY AND 38482 CONF Ī ARR LANGENHEIM 38490 L EC T 11 W F 147 NHB T ANDERSON 38501 LECT K 130-3 TU TH 208 NHB PALCIAUSKAS AND GRAF CAROZZI, KLEIN LANGENHEIM 38525 CONF ARR ARR 38532 CONE N AND MANN 38540 CONF 0 ARR 38557 CONE P ARR KLEIN CONE ۵ DONATH, WOOD 38564 ARR

GEOL 499 THESIS RESEARCH.

0 TO 4 UNITS
38571 CONF ARR

STAFF

#### GERMAN

## GERMANIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 371 L H

MAJOR: TWENTY-FOUR HOURS IN GERMAN, EXCLUDING GERMAN 101, 102, 103, 104, AND 113, AND INCLUDING GERMAN 302, 303, 320, AND ONE OTHER LITERATURE COURSE AT THE 300-LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS CHOSEN FROM THE FOLLOMING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT: EDUCATION, ENGLISH (EXCLUDING RHET. 101, 102, AND 200), FRENCH, GREEK, HISTORY, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS (EXCLUDING LING, 301), MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SCANDINAVIAN, AND SPANISH. THE FIRST SEMESTER OF ANY FOREIGN LANGUAGE (FR. 101, GRK. 101, ITAL. 101, LAT. 101, PORT. 101, RUSS. 101, SPAN. 101) MAY NOT BE COUNTED TOWARD A MINOR IN THAT LANGUAGE.

#### COURSES FOR UNDERGRADUATES

GER 101 ELEMENTARY COURSE, I.

\*NO CREDIT TOWARD GRADUATION IS GIVEN FOR GER. 101 WITHOUT GER.

102.

\*4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.

m Z O	SECTIONS.					
38589	LECT-DISC	A 1	8	MTUWTH	201	N L
38596	LECT-DISC	A2	8	MTUWTH	186	L H
38607	LECT-DISC	81	9	MIUWIH	162	L H
38614	LECT-DISC	82	ARR			
38621	LECT-DISC	В3	9	MTUWTH	270	LH
	LECT-DISC		ģ	MTUWTH	216	
38639		B 4				
38646	LECT-DISC	Cl	10	MTUWTH	162	LH
38653	LECT-DISC	C2	10	MTUWTH	186	L H
38661	LECT-DISC	C 3	10	MTUWTH	370	LH
38678	LECT-DISC	C4	10	HTWUTH	332	ARMORY
38685	LECT-DISC	D1	11	MTUWTH	162	L H
38692	LECT-DISC	D2	11	MTUWTH	432	ARMORY
38703	LECT-DISC	D3	11	MTUWTH	332	ARMORY
38711	LECT-DISC	X1	12			
				MTUWTH	201	N L
38728	LECT-DISC	X 2	12	MTUWTH	186	L B
38735	LECT-DISC	E 1	1	MTUWTH	162	L H
38742	LECT-DISC	E2	i	MTUWTH	186	L H
			î			ARMORY
38750	LECT-DISC	E3		MTUWTH	432	
38767	LECT-DISC	Fl	2	MTUWTH	201	PI L
38774	LECT-DISC	F2	2	MTUWTH	186	L H
38781	LECT-DISC	G1	3	MTUWTH	201	N L
38799	LECT-DISC	G2	3	MTUWTH	432	ARMORY
38800	LECT-DISC	Н	4	MTUWTH	216	L H
38817	LAB	M 3	8-830	M TH	202	L R
38824	LAB	M 4	830-9	M TH	202	L B
38831	LAB	M 5	9-930	M TH	202	LH
38849	LAB	M 6	930-10	M TH	202	LH
38856	LAB	M 7	10-1030	M TH	202	LH
38863	LAB	M 8	1030-11	M TH	202	L H
38871	LAB	M 9	11-1130	M TH	202	L H
38888	LAB	M10	1130-12	M TH	202	L H
38895	LAB	Mil	12-1230	M TH	202	LH
38906	LAB	M12	1230-1	M TH	202	L H
38913	LAB	M13	1-130	M TH	202	L H
38921	LAB	M14	130-2	M TH	202	L H
38938	LAB	M15	2-230	M TH	202	L H
	LAB		230-3	M TH	202	LH
38945		M16				
38952	LAB	M17	3-330	M TH	202	L H
38960	LAB	M18	330-4	H TH	202	L H
38977	LAB	M19	4-430	M TH	202	LH
38984	LAB	M20	430-5	M TH	202	L H
38991	LAB	M21	5-530	M TH	202	L H
39004	LAB	M22	530-6	M TH	202	L H
39011	LAB	M25	7-730PM	M TH	202	L B
39029	LAB	M26	730-8PM	M TH	202	L H
39036	LAB	M27	8-830PM	M TH	202	LH
39043	LAB	M28	830-9PM	M TH	202	LH

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO

		ADOKATOK	14 SEFECTION	) OIA F	360111	214 6 1	1011	
								Α
39068			9	MITUW	ΓH	210	C	Д
39075			9	MTUW	TH .	201	N	L
39082	LECT-DISC	C 1	10	MTUW	ГН	210	C	Α
39090	LECT-DISC	C C Z	10	MTUW	ГН	201	N	L
39101	LECT-DISC	D	11	MTUW	ГН	210	C	Α
39118	LECT-DISC	X	12	MTUW.	TH	210	C	Д
39125	LECT-DISC		1	MTUW	ГH	210	C	Α
39132	LEC T-DISC	E 2	1	MTUW?	ГН	201	N	L
39140	LECT-DISC	F		MTUW'	ľH	210	C	Α
39157	LECT-DISC	G	3	MTUW	ГН	210	C	Α
39164	LAB	М 3	8-830	M	FH	202	L	Н
39171	LAB	M 4	830-9	M	ГН	202	L	Н
39189	LAB	M 5	9-930			202	L	H
39196	LAB		930-10			202	L	Н
39207	LAB	M 7	10-1030	M 1	ГН	202	L	Н
39214	LAB	M 8	1030-11	M	TH	202	L	H
39221	LAB	M 9	11-1130			202	L	Н
	LAB	M10	1130-12				L	Н
							L	Н
							L	Н
	LAB						L	Н
								Н
								Н
							L	H
							L	Н
							L	Н
							L	Н
							L	Н
							L	Н
							L	Н
							L	Н
	LAB					202	L	Н
	LAB		8-830PM			202	L	Н
39399	LAB	M28	830-9PM	M 1	ГН	202	L	Н
	M28 3 39051 39068 39075 39082 39082 39191 39118 39125 39140 39157 39157 39171 39189 39197 39174	M28 SECTIONS.  39051 LECT-DISC 39068 LECT-OISC 39075 LECT-OISC 39082 LECT-OISC 39090 LECT-OISC 39101 LECT-OISC 39118 LECT-OISC 39118 LECT-OISC 39125 LECT-OISC 39125 LECT-OISC 39140 LECT-OISC 39140 LECT-OISC 39140 LECT-OISC 39141 LAB 39171 LAB 39271 LAB 39371 LAB	M28 SECTIONS.  39051	M28   SECTIONS.	M28   SECTIONS.   B	M28   SECTIONS   M28   M3	M28   SECTIONS.   A	M28   SECTIONS   SEC

GER

INTERMEDIATE COURSE, I.
PREREQUISITE: GER. 102, TWO YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.

\*SECTION D3 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT HOUR INTENSIVE COURSE. STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE SPECIAL C2 SECTION OF GERMAN 104.

SPECIAL	CZ SECTION	UF GER	MAN IU4.			
39400	LECT-DISC	A1	8	MTUWTH	111	G H
39417	LECT-DISC	A 2	8	MTUWTH	329	G H
39424	LECT-DISC	Α3	8	MTUWTH	388	L H
39431	LECT-DISC	81	9	MTUWTH	111	G H
39449	LECT-DISC	B 2	9	MTUWTH	329	G H
39456	LECT-DISC	Ci	10	MTUWTH	111	G H
39463	LECT-DISC	C 2	10	MTUWTH	329	G H
39471	LECT-DISC	C3	10	MTUWTH	432	ARMORY
39488	LECT-DISC	D1	11	MTUWTH	111	G H
39495	LECT-DISC	0.2	11	MTUWTH	329	G H
39812	LECT-DISC	*D3	11	MTUWTH	396	L H
39506	LECT-DISC	X1	12	MTUWTH	111	G H
39513	LECT-DISC	X 2	12	MTUWTH	329	G H
39521	LECT-DISC	E1	1	MTUWTH	111	G H
39538	LECT-DISC	E 2	1	MTUWTH	332	ARMORY
39545	LECT-DISC	F	2	MTUWTH	111	G H
39552	LECT-DISC	G	3	MTUWTH	111	G H
39560	LECT-DISC	Н	4	MTUWTH	111	G H
39577	LAB	M 3	8-830	M TH	202	L H
39584	LAB	M 4	830-9	M TH	202	L H
39591	LAB	M 5	9-930	M TH	202	L H
39602	LAB	M 6	930-10	M TH	202	L H
39610	LAB	M 7	10-1030	M TH	202	L H
39627	LAB	M 8	1030-11	M TH	202	L H
39634	LAB	M 9	11-1130	M TH	202	L H
39641	LAB	M10	1130-12	M TH	202	L H

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CONTINUED
GER
        103
            39659 LAB
39666 LAB
                                                                                                        202 L H
202 L H
                                                     M11 12-12
M12 1230-1
                                                                    12-1230 H
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                                                  M12 1230-1 M
M13 1-130 M
M14 130-2 M
M15 2-230 M
M16 230-3 M
M17 3-330 M
M18 330-4 M
M20 430-5 M
M21 5-530 M
M22 530-6 M
M22 530-6 M
M25 7-730PM M
M26 730-8PM M
M27 8-830PM M
M28 830-9PM M
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39716
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             39762
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GER
                        INTERMEDIATE COURSE, II.
               PREREQUISITE: GER. 103, OR THREE YEARS OF HIGH SCHOOL GERMAN, OR
                EQUIVALENT.
                 4 HOURS
                ALL STUDENTS OF THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO
                M28 SECTIONS.
                 *SECTION C2 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE
                GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE.
                STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE SPECIAL D3 SECTION OF GERMAN 103.
            39820 LECT-DISC A
39837 LECT-DISC B
                             LECT-DISC A B MTUL
LECT-DISC B 9 MTUL
LECT-DISC C1 10 MTUL
LECT-DISC C2 10 MTUL
LECT-DISC C2 10 MTUL
LECT-DISC C3 11 MTUL
LECT-DISC C4 12 MTUL
LECT-DISC C5 11 MTUL
LECT-DISC C6 3 MTUL
LECT-DISC C6 3 MTUL
LECT-DISC C7 2 MTUL
LECT-DISC C7 2 MTUL
LECT-DISC C7 3 MTUL
LAB M 4 830-9 M
LAB M 5 9-930 M
LAB M 6 930-10 M
LAB M 7 10-1030 M
LAB M 7 10-1030 M
LAB M 8 1030-11 M
LAB M 10 1130-12 M
LAB M 10 1130-12 M
LAB M 11 12-1230 M
LAB M 11 130-12 M
LAB M 12 1230-1 M
LAB M 13 1-130 M
LAB M 14 130-2 M
LAB M 15 2-230 M
LAB M 16 230-3 M
LAB M 17 3-330 M
LAB M 18 330-4 M
LAB M 19 4-430 M
LAB M 19 5-530 M
LAB M 19 5-530 M
LAB M 19 5-530 M
LAB M 22 530-6 M
LAB M 25 7-730PM M
LAB M 25 7-730PM M
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            39844
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            40149
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            39851
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            39869
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            39876
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                                                                                                                    DKH
             FRRPF
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            39891
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            39919
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202 L H
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               8 READINGS IN GERMAN.
PREREQUISITE: GER. 107.
GER
                3 HOURS
            40156
                                 LECT-DISC E
                                                                    1
                                                                                  M WTH
                                                                                                        388 L H
                                                                                                                                             ALLEN
                CONVERSATIONAL GERMAN.
PREREQUISITE: GER. 103, OR A PLACEMENT SCORE SHOWING HIGH SCHOOL
ACHIEVEMENT EQUIVALENT TO GER. 103.
GER
                4 HOURS
                                                                                   MTUWTH
                                                                                                        329 G H
                                                                                                                                               FOLTER
             40163
                                LECT-DISC E
GER
                      PRACTICE IN CONVERSATION.
               PREREQUISITE: GER. 102 OR EQUIVALENT. STUDENTS WHO HAVE COMPLETED GER. 104 MAY ENROLL ONLY WITH DEPARTMENTAL PERMISSION.
                2 HOURS
            40171 LECT-DISC M 9
40188 LECT-DISC P 11
                                                                                      TU TH 336 L H
TU TH 336 L H
                                                                                                                                               PABISCH
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PARTSCH

INTERMEDIATE COURSE. PREREQUISITE: GER. 102, TWO YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT. 4 HOURS 40195 LECT-DISC E MTUWTH 270 L H SCHWALBE GER 199 UNDERGRADUATE OPEN SEMINAR.
\*MAY BE REPEATED. \*0 TO 9 HOURS 40206 CONF COURSES FOR ADVANCED UNDERGRADUATES GERMAN LITERATURE SINCE 1648 IN ENGLISH TRANSLATION. GER 3 HOURS 3 HOURS
NO KNOWLEDGE OF GERMAN REQUIRED.

11 M W F 370 L H 40213 MC GL AT HERY GER GERMAN SOURCE READINGS FROM THE HISTORY OF SCIENCE. PREREQUISITE: GER. 104 OR FOUR YEARS OF HIGH SCHOOL GERMAN. 3 HOURS
3 LECT-DISC A 40221 M W F 370 L H HAILE GER 210 MASTERPIECES OF GERMAN LITERATURE. PREREQUISITE: TWO YEARS OF COLLEGE GERMAN OR EQUIVALENT. 3 HOURS 
 40238
 LECT-DISC A
 8
 M
 W
 F

 40245
 LECT-DISC C
 10
 M
 W
 F

 40252
 LECT-DISC D
 11
 M
 W
 F
 336 L H 388 L H 270 L H BURKHARD GRAY FIGGE GER 211 CONVERSATION AND WRITING, I. PREREQUISITE: GER. 103 AND 113, OR GER. 104, OR EQUIVALENT. 3 HOURS 40260 40260 LECT-DISC F1 2 40277 LECT-DISC F2 2 40284 LECT-DISC G1 3 40291 LECT-DISC G2 3 MTUWTH MTUWTH MTUWTH MTUWTH FIGGE 336 L H 388 L H 186 L H 388 L H DELL ORTO 212 CONVERSATION AND WRITING, II. GER PREREQUISITE: GER. 211 OR EQUIVALENT OR CONSENT OF INSTRUCTOR. PREKEWO 10.3
3 HOURS
40302 LECT-DISC F 2
40310 LECT-DISC G 3 MTUWTH 270 L H 270 L H FOLTER GER 250 THE NOVELLE OF THE NINETEENTH CENTURY. PREREQUISITE: GER. 210. 3 HOURS 40327 LECT-DISC C 10 M W F 336 L H SCHIER GER THE GERMAN NOVELLE OF THE TWENTIETH CENTURY. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS LECT-DISC E MCGLATHERY NINETEENTH CENTURY GERMAN DRAMA. GER PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS 40341 LECT-DISC C 10 M W F 270 L H SCHWALBE 260 LYRICS AND BALLADS. GER PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS 40359 LECT-DISC B M W F 336 L H LORRE

GER 281 TEACHERS COURSE.

PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS
WILL NOT MEET DURING SIX WEEK STUDENT TEACHING PERIOD.
40366 LECT-DISC X 12 M W F 336 L H MARCHAND

GER 291 SENIOR THESIS AND HONORS COURSE, I.
PREREQUISITE: SENIOR STANDING, CONSENT OF INSTRUCTOR.
2 TO 4 HOURS
40373 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GER		AN LITERATURE T				1
	OR EQUIVA		ND UNE UTHER	COURSE IN	GERMAN LITERATURE	
	3 HOURS C	DR 3/4 UNIT LECT-DISC D		M W 5	104 1 11	STEGEMEIER
	40381	FECI-DISC D	11	m w r	100 F u	STEGEMETER
GER	303 ADV	ANCED CONVERSATI	ON COMPOSIT	TON AND S	/N/TA V	
GEK	PREREQUIS	SITE: THREE YEAR	S OF COLLEGE	GERMAN, IN	CLUDING GER. 212, C	R
	3 HOURS O	OF INSTRUCTOR.				
	40398	LECT-DISC F	2	MTUWTH	162 L H 162 L H	FOLTER
	40409	LECT-DISC G	3	MTUWTH	162 L H	HOLST
GER	201	TEMPORARY GERMAN	DOCTOR			
GER		ITE: GER. 305 0		INSTRUCTOR		
	3 HOURS 0	OR 3/4 UNIT LECT-DISC D	1.1	M W F	388 L H	LORBE
	10110	220. 0100 0	* *		300 € 11	201102
GER	311 GOET	THE.				
	PREREQUIS	ITE: GER. 210 A	NO ONE OTHER	COURSE IN	GERMAN LITERATURE	1
	OR EQUIVA	R 3/4 UNIT				
	40423	LECT-DISC A	8	M W F	270 L H	MITCHELL
GER		TORY OF GERMAN C			GERMAN LITERATURE	
	OR EQUIVA	ALENT.				
	4 HUURS (	DR 3/4 UNIT LECT B	9	MTUW F	396 L H	STEGEMEIER
GER		AN PHONOLOGY AN				
		SITE: THREE YEAR		GERMAN, OF	R EQUIVALENT.	
		LECT-DISC B	9	M W F	370 L H	ANTONSEN
GER		ICS IN GERMAN LI SITE: TWO ADVANC		N GERMAN II	TERATURE.	
	4 HOURS,	OR 1 UNIT				
	*SECTION	G TOPIC: HEBBEL X TOPIC: HOFMAN	NSTHAL.			
	40455	LECT-DISC *G LECT-DISC *X	3	M WTH M W F	336 L H 388 L H	GERL ACH LORBE
	40402	LECT-DISC +X	12	. W .	300 L H	LONDE
			COURSES FOR	GRADUATES		
GER	400 BEG1	INNING GERMAN FO	R GRADUATE S	TUDENTS.		
	4 HOURS 40470	LECT-DISC A	9	MTUWTH	396 L H	FON WEARINGA
		LECT-DISC X	12	MTUWTH	396 L H	FON WEARINGA
	40494 40505	LECT-DISC X LECT-DISC X LECT-DISC E LECT-DISC F	1 2 1 2	MTUWTH MTUWTH	396 L H 396 L H	
	40487 40494 40505	220, 0100 (	_		4	
GER		DINGS IN GERMAN	FOR GRADUATE	STUDENTS.		
	PREREQUIS 4 HOURS	SITE: GER. 400 0	R EQUIVALENT	•		
	4.0512	LECT-DISC A	8	M W F	162 L H	ANTONSEN
	40520 4053 <b>7</b>	LECT-DISC X1 LECT-DISC X2	8 12 12	M W F	162 L H 370 L H	S CHWALBE RAUCH
		0.00 //2				
GER	411 PROS	SEMINAR.				
		SITE: CONCURRENT	REGISTRATIO	ON IN GER. 4	95.	
	TOD10 - 00	ETHE RESEARCH.				
	40544	LECT-DISC F	2-5	F	429 LIB	HAILE

GER 412 PROSEMINAR. PREREQUISITE: GER. 365 OR EQUIVALENT. 1 UNIT TOPIC: HODERN GERMAN DIALECTS AND DIALECTOLOGY. LECT-DISC B 40551 ANTONSEN MIDDLE HIGH GERMAN. GER PREREQUISITE: GER. 365. 1 UNIT M W F 370 L H LECT-DISC E 1 GRAY 40569 GER OLD HIGH GERMAN. PREREQUISITE: GER. 365. 1 UNIT 40576 LECT-DISC C 10 M W F 429 LIB RAUCH SEMINAR IN MODERN GERMAN LITERATURE.
PREREQUISITE: GER. 411 AND 495. GER 461 1 UNIT SECTION Z TOPIC: BARDQUE POETRY.
0583 LECT-DISC Z 7-PM TU 429 LIB STEGEMEIER 40583 3 RESEARCH IN SPECIAL TOPICS. \*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS. GER 493 \*1/4 TO 2 UNITS SECTION H TOPIC: STUDIES IN BRECHT. W 336 L H 40591 LECT-DISC H KNUST GER BIBLIOGRAPHY AND METHODS IN LITERARY HISTORY. PREREQUISITE: CONCURRENT REGISTRATION IN GER. 411. 1/2 UNIT 40601 LECT-DISC H 429 LIB FREY

GER 499 THESIS RESEARCH.

0 TO 4 UNITS
40619 CONF

ARR

GERMANIC

GERMANIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 371 L H

COURSES FOR UNDERGRADUATES

GMC 199 UNDERGRADUATE OPEN SEMINAR.
\*MAY BE REPEATED.
\*0 TO 9 HOURS
TOPIC: DUTCH.
40626 CONF ARR

FON WEARINGA

COURSES FOR GRADUATES

GMC 462 SEMINAR IN GERMANIC LINGUISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS
40633 LECT-DISC E 1-4 F 396 L H RAUCH

#### GREEK

#### DEPARTMENT OFFICE

361 L H

MAJOR: TWENTY HOURS. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (LATIN BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

CREDIT FOR NEW TESTAMENT GREEK TRANSFERRED FROM OTHER INSTITUTIONS IS NOT COUNTED TOWARD A MAJOR OR MINOR UNTIL AFTER THE SATISFACTORY COMPLETION OF GREEK 201-202 AND THEN ONLY TO A POSSIBLE MAXIMUM OF EIGHT HOURS AS THE EQUIVALENT OF GREEK 101-102 AND THREE HOURS AS THE EQUIVALENT OF GREEK 101-102 AND THREE HOURS AS THE EQUIVALENT OF ONE SEMESTER OF GREEK 391.

#### COURSES FOR UNDERGRADUATES

GRK	101 ELEMENTARY GREEK.  *NO CREDIT TOWARD GRADUATION IS GIVEN FOR GRK 101 WITHOUT GRK 102. *4 HOURS	
	40641 LECT-DISC A 11 MTUWTH 362 L H	TAYLOR
GRK	112 ELEMENTARY KOINE GREEK. PREREQUISITE: GRK. 111 OR EQUIVALENT. 4 HOURS	
	40658 LECT-DISC A 2 MTUWTH 209 D K H	ROBBINS
	COURSES FOR ADVANCED UNDERGRADUATES	
GRK	201 SECOND-YEAR GREEK, I. PREREQUISITE: GRK. 102 OR EQUIVALENT. 4 HOURS	
	40665 LECT-DISC A 11 MTUWTH 209 D K H	BR IGHT
GRK	291 SENIOR THESIS.  OPEN TO CANDIDATES FOR DISTINCTION IN GREEK.  PREREQUISITE: SENIOR STANDING. 2 TO 4 HOURS	
	40672 CONF ARR	STAFF
	COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES	
GRK	301 THIRD-YEAR GREEK, I. PREREQUISITE: GREEK 202. 3 HOURS OR 1/2 UNIT	
	40680 LECT-DISC A 11 M W F 394 L H	NE WM AN
GRK	309 THE STRUCTURE OF GREEK. PREREQUISITE: GRK. 202 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT	
	40697 LECT-DISC A 2 M W F 362 L H	TAYLOR
GRK	391 READINGS IN GREEK LITERATURE. PREREQUISITE: GREEK 302 OR EQUIVALENT. *MAY BE REPEATED FOR MAXIMUM OF 12 HOURS CREDIT. *3 HOURS OR 3/4 UNIT SECTION A: PATRISTIC AUTHORS. SECTION B: HISTORIANS.	
	40708 LECT-DISC A 1 M W F 409 LIB 40715 LECT-DISC B 11 M W F 409 LIB	SCHOEDEL NAOUMIDES

# UNLESS OTHERWISE NOTED, THE PREREQUISITE TO ALL COURSES IS THREE YEARS OF COLLEGE GREEK.

### COURSES FOR GRADUATES

			600	KSES FUR	GRADUATES			
GRK		CIAN AND HIS	AGE.					
	1 UNIT 40722	LECT-DISC	Α	9-11	TU TH	409	LTB	HELLER
	40122	Eto. Bioc						
CDK	/22 601	DUOCI ES						
GRK	422 SOF	PHOCLES.						
	40730	LECT-DISC	Α	9-11	M W	409	LIB	MARCOVICH
GRK		RECTED READ!						
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	1/4 TO 1							STAFF
	40747	CONF	А	RR				STAFF
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	38518	LECT	L	2	M W F	147	NHB	D ANDERSON
GRK		BLIOGRAPHY A ME AS LAT. 4		CISM. I.				
	PREREQUI	ISITE: FOUR		COLLEGE	LATIN OR E	QUIVALE	NT.	
	1/2 UNI 1 40754	T LECT-DISC	Α.	2	TU TH	409	1.10	OL IV ER
	40174	CCC1-0130	*	2	10 111	407	C10	OF IA FIG
GRK	499 THE		14					
GRK	0 TO 4 L	ESIS RESEARC JNITS	п.					
	40761	CONF	Δ	PR				STAFF
			HEAL'	TH EDUCA	TION			
	DE	PARTMENT OF	FICE			114 HUF	F GYM	
		С	OURSES F	OR UNDER	GRADUATES			
H ED	110 PUE	BLIC HEALTH.						
	(FORMERL	Y HEALTH SC	IENCE 11					
		ISITE: TWO H			EALTH SCIEN	ICE OR I	HEALTH	
	2 HOURS			01.40				
	40779	LECT-DISC	Р	11	TU TH	144	BEV HALL	FELLA
H ED		ALTH AND MOD			N *N *001	10/ 0	R CONSENT OF	
	INSTRUCT		I UK KEG	1 STRAITU	N IN ZUUL.	104, UI	CONSENT OF	
	3 HOURS							
	40786 40793	LECT-DISC LECT-DISC	A	8	M W F	207	H G	STAFF STONE
	40804	LECT-DISC	E	1	M W F	211	H G	CONLEY
	40811	LECT-DISC	F	2	M W E	211	H G	OLSEN
		601	RSES FOR	ADVANCE	D UNDERGRAD	DUATES		
H ED		NTAL HEALTH.						
H ED	(FORMERL			0).				
H ED	(FORMER) 2 HOURS THIS COL	NTAL HEALTH. Y HEALTH SC URSE WILL BE	TAUGHT	BY A PSY				
H ED	(FORMERL 2 HOURS	NTAL HEALTH. Y HEALTH SC	TAUGHT		CHIATRIST. TU TH TU TH	393 144	BEV HALL BEV HALL	STAFF STAFF

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H ED 206
          SEX EDUCATION AND FAMILY LIFE.
(FORMERLY HEALTH SCIENCE 206).
          PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
          2 HOURS
          INSTRUCTORS TEACHING H. ED. 206 ARE BOSTROM, CAVINS, CONLEY, GENT, KIERSCH, STUBING, TEIGLER, AND YOUNG.

1843 LECT-DISC B 9 M H 393 BEV HALL
        40843
                                                                                        STAFE
                                                    M W
M W
                    LECT-DISC
                                                                 393
        40851
                                          10
                                                                                        STAFF
                                                                      BEV HALL
        40868
                                                                 393
                                                                       BEV HALL
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                    LECT-DISC
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        40875
                                 F
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        40882
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        40918
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393 BEV HALL
                                                                                        CONLEY
                                           1
                   LECT-DISC R
        40925
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                                                      TU TH
                                                                                        CONLEY
H ED 216 MEDICAL TERMINOLOGY CORRELATED WITH COMMUNITY HEALTH
                PROBLEMS.
          (FORMERLY HEALTH SCIENCE 216).
          PREREQUISITE: JUNIOR STANDING; ENROLLMENT IN THE OCCUPATIONAL
          THERAPY CURRICULUM.
          3 HOURS
       40932
                    LECT-DISC E
                                          1
                                                   M W F
                                                                144 BEV HALL
                                                                                        TEIGLER
               SPECIAL PROBLEMS.
H ED 250
         PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT
          AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR.
          AVERAGE OF 3-3; CONSENT OF THE ACCUMENT OF A PPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
          *2 OR 3 HOURS
                   LAB-DISC DI ARR
       40940
                                                                                      STAFF
H ED 260
              HONORS SEMINAR.
          SAME AS P. E. M., P. E. W., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
          PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD
          OF DEPARTMENT.
          *MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
          *2 HOURS
SECTION &X1 TOPIC: CURRENT PROBLEMS.
          SECTION &XI TOPIC: INTRODUCTION TO RESEARCH.
1957 LECT-DISC &XI 7-9PM W
1964 LECT-DISC &X2 7-9PM W
                                                               207B FREER GYM
        40957
        40964
                                                                  15 F B
      281 FIR
2 HOURS
H ED
              FIRST AID.
        40971
40989
                    LECT-DISC L
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P
                                                                 211
                    LECT-DISC
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        40996
                    LECT-DISC
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        41009
                   LECT-DISC R
LECT-DISC S
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211 H G
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                                                                                        STAFE
        41016
                                           2
                                                      TU TH
                                                                                        STAFF
             ORGANIZATION OF SCHOOL HEALTH PROGRAMS.
          3 HOURS
          *ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN
          ROOM 212A HUFF GYM.
                LECT-DISC A
LECT-DISC D
LECT-DISC F
                                         *8
        41023
                                                                 211 H G
                                                                                        CRESWELL
                                                                 336 L H
207 H G
        41031
                                        *11
                                                     M
                                                       W
                                                                                        OL SEN
        41048
                                          *2
                                                                                        CONLEY
         MAN AND HIS DISEASES.

PREREQUISITE: HL. SC. 104, 110, PHYSL. 103.
H ED
       283
          2 HOURS
                                          9
        41055
                    LECT-DISC M
                                                     TU TH
                                                                211 H G
                                                                                       STONE
          SEX EDUCATION FOR TEACHERS.
PREREQUISITE: ADVANCED STANDING.
H ED 285
          2 HOURS
        41062
                    LECT-DISC T 3 TU TH
                                                                 207 H G
                                                                                        CONLEY
             PRINCIPLES OF HEALTH EDUCATION.
          PREREQUISITE: H. ED. 282.
          3 HOURS
          *ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN
          ROOM 212A HUFF GYM.
                                        *9 M W F 207A H G
        41070
                    LECT-DISC B
                                                                                      CRESWELL
```

H ED 289 HEALTH EDUCATION FIELD WORK.
PREREQUISITE: JUNIOR STANDING IN COMMUNITY HEALTH EDUCATION. O CREDIT

41087 I AR-DISC OLSEN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., ANTH., PHYSL., PSYCH., SOC., V. M. S., AND H ED 369

ZOOL. 369. PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.

\*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.

\*3 OR 5 HOURS, OR 1/2 OR 1 UNIT

41094 LECT-DISC 11 M W F 112 C A SHIMKIN AND OTHERS

H ED 392 HEALTH AND SAFETY EDUCATION IN THE ELEMENTARY SCHOOL.

PREREQUISITE: ONE YEAR OF BIOLOGICAL SCIENCE.

3 HOURS OR 1/2 UNIT

41105 LECT-DISC H 4-6 W 428 ARMOR

428 ARMORY STONE AND O REILLY

COURSES FOR GRADUATES

H ED 400 SCIENTIFIC FOUNDATIONS OF HEALTH EDUCATION. PREREQUISITE: UNDERGRADUATE COURSES BEYOND THE ELEMENTARY LEVEL IN THE BIOLOGICAL AND PHYSICAL SCIENCES AND IN HEALTH EDUCATION.

1 UNIT 41112 LECT-DISC U Til

H ED 403 PROBLEMS IN PUBLIC HEALTH. 1/2 OR 1 UNIT

41120 LECT-DISC H STONE & OLSEN 4-6 207A H G M

STAFF

SEMINAR. H ED 490 PREREQUISITE: H. ED. 495.

O CREDIT 41137 LECT-DISC ARR 400 H G HUEFMAN

H ED 493 SPECIAL PROJECTS. PREREQUISITE: EDPSY. 390, P. E. 495, AND H. ED. 400 OR EQUIVALENTS, DOCTORAL CANDIDATE.

1/2 OR 1 UNIT 144 CONF 41144

H ED P5 RESEARCH METHODS IN HEALTH AND SAFETY EDUCATION.
PREREQUISITE: EDPSY. 390 OR EQUIVALENT.

1/2 UNIT

LECT-DISC U 4-6 TH 207A H G 41151 CRESWELL AND 9-11 F 400 H G HUFFMAN LAB U

H FD 499 THESIS RESEARCH. PREREQUISITE: H. ED. 495.
1/2 TO 2 UNITS 41169 CONE

ARR STAFF HEBREW

DEPARTMENT OFFICE

361 L H

#### COURSES FOR UNDERGRADUATES

HEBR 110 INTRODUCTION TO BIBLICAL HEBREW. 4 HOURS

41176 LECT-DISC A 1 MTUWTH 209 D K H

MARBLESTONE

#### HIGHER EDUCATION

DEPARTMENT OFFICE

341 ARMORY

#### COURSES FOR GRADUATES

HI ED 442

JUNIOR COLLEGE. SAME AS VOTEC. 442.

41191

1 UNIT 41183

LECT-DISC A 7-9PM TU 331 ARMORY LECT-DISC B 1-3 TU 150 ARMORY

AN DER SON O\* BANION

HI ED 443 TH THE COLLEGE STUDENT.

41201 LECT-DISC

LECT-DISC

7-9PM TH

HI ED 467 THE THE AMERICAN COLLEGE AND UNIVERSITY.

3-5

м

331 ARMORY

WELLNER

41219

41226

153 ARMORY

FLEY

HI ED 477 STUDENT PERSONNEL WORK IN HIGHER EDUCATION.

1 UNIT

LECT-DISC 7-9PM W 331 ARMORY

WELLNER

HI ED 478 THE ADMINISTRATION OF STUDENT PERSONNEL WORK. PREREQUISITE: HI. ED. 477 OR THE EQUIVALENT.

1 UNIT 41233 LECT-DISC

7-9PM

331 AMORY

O\*BANION

INTERNSHIP IN THE ADMINISTRATION OF HIGHER EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR. HI ED 480

1 UNIT 41241 CONF

ARR

STAFF

DEPARTMENT OFFICE

309H D H

### COURSES FOR ADVANCED UNDERGRADUATES

HINDI 201 ELEMENTARY HINDI, I.

NO CREDIT TOWARD GRADUATION IS GIVEN FOR HINDI 201 WITHOUT HINDI 202.

41265

41272

5 HOURS 41258

LECT-DISC LAB-DISC A M W 311 D H 311 D H 312 D H 1 WTHE 1 LAB-DISC q TH

SUBBARAD BHATIA

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HINDI 303 INTERMEDIATE HINDI. I.

PREREQUISITE: HINDI 202 OR EQUIVALENT.

5 HOURS OR 1 UNIT

41280 LECT 41297

LAB-DISC A LAB-DISC 41308

3

M WTHF 311 0 H F 312 0 H TU 311 D H 311

SUBBARAO

BHATIA, KOUL

HINDI 305 ADVANCED HINDI, I.

PREREQUISITE: HINDI 304 OR CONSENT OF INSTRUCTOR.

5 HOURS OR 1 UNIT

41315 LECT-DISC 1 MTUNTHE 312 D H

SUBBARAD BHATIA, KOUL

ADVANCED HINDI, III.

PREREQUISITE: HINDI 306 OR CONSENT OF INSTRUCTOR.

5 HOURS OR 1 UNIT

LECT-DISC 11-1230 M

F 355 1208 W CAL Y KACHRU

READINGS IN HINDI LITERATURE IN TRANSLATION.
PREREQUISITE: CONSENT OF INSTRUCTOR. HINDI 309

3 HOURS OR 1 UNIT

41330

M ARR 230-4

B KACHRU

BHATIA

HISTORY

DEPARTMENT OFFICE

359 ARMORY

MAJOR: TWENTY-FOUR HOURS IN HISTORY, ALL IN COURSES HAVING JUNIOR STANDING AS A PREREQUISITE: ONE FRESHMAN-SUPHOMORE SURVEY COURSE SEQUENCE (HISTORY 111-112, 131-132, 151-152, 181-182, 191-192; DGS 121-122) OR ITS EQUIVALENT, MUST BE TAKEN AS A PREREQUISITE TO THE MAJOR. THE COURSES OFFERED MUST INCLUDE AT LEAST TWELVE HOURS IN AN AREA OF SPECIALIZATION AND AT LEAST SIX HOURS IN A SECOND AREA. THE FOLLOWING AREAS MAY BE SELECTED: ANCIENT, MEDIEVAL AND RENAISSANCE; EUROPE SINCE 1500; UNITED STATES AND LATIN AMERICA; ASIA. ALL MAJORS ARE REQUIRED TO TAKE HISTORY 298; TO BE ELIGIBLE FOR THIS COURSE, EACH MAJOR MUST HAVE SENIOR STANDING. MUST HAVE SENIOR STANDING.

MINORS: TWENTY HOURS, NOT INCLUDING MORE THAN FOUR HOURS OPEN TO FRESHMEN, IN ONE OR TWO OF THE FOLLOWING: ANCIENT OR MODERN LANGUAGE EXCLUDING ELEMENTARY COURSES 101 AND 102, ANTHROPOLOGY, ECONOMICS, ENGLISH AND AMERICAN LITERATURE, GEOGRAPHY, LIBRARY SCIENCE, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.
ONE OF THE CURRICULA IN LATIN AMERICAN STUDIES, RUSSIAN LANGUAGE
AND AREA STUDIES, ASIAN STUDIES OR MEDIEVAL CIVILIZATION IS ALSO
ACCEPTED AS A SOLE MINDR, EXCLUDING THE COURSES IN HISTORY.

HIST 111 HISTORY OF WESTERN CIVILIZATION TO 1815.

4 HOURS 4 HOURS
\*\*DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF
VERY HIGH STANDING.
STUDENTS WHO REGISTER IN LECTURE 1 MUST ALSO REGISTER IN ONE
DISUCSSION SECTION IN THE GROUP AT THROUGH L3.
STUDENTS WHO REGISTER IN LECTURE 2 MUST ALSO REGISTER IN ONE
DISCUSSION SECTION IN THE CROULD AN THROUGH VY

				MUST ALSO RE	GISTE	R IN ONE	
		ON IN THE		THROUGH X7.	217	C 11	
41347	DISC LECT	I	8 10	₩ F TU TH	317	G H G H	TO EVI CO
41354	DISC	A 2	8	W F	112 254	ADMIN	TREXLER
41334	LECT	I	10	TUTH	112	G H	
41361	DISC	B1	B	W F	146	ARMORY	
41501	LECT	I	10	тотн	112	G H	
41379	DISC	B2	9	W F	133	ARMORY	
	LECT	I	10	TU TH	112	GH	
41386	DISC	C 1	10	W F	317	GH	
	LECT	1	10	TU TH	112	G H	
41393	DISC	C 2	10	M W	133	ARMORY	
	LECT	I	10	TU TH	112	G H	
41404	DISC	D1	11	W F	133	ARMORY	
	LECT	I	10	TU TH	112	G H	
41411	DISC	02	12	TU TH	317	GH	
(1/20	LECT	I	10	TU TH	112	G H	
41429	DISC	E	12 10	TU TH	133	ARMORY	
41436	DISC	F	12	TU TH W F	112	G H ARMORY	
41430	LECT	1	10	тบ <b>"</b> ⊤ค์	112	G H	
41443	DISC	Ġ	1	W F	133	ARMORY	
	LECT	Ĭ	10	TU TH	112	G H	
41451	DISC	н	1	W F	254	ADMIN	
	LECT	I	10	TU TH	112	GH	
41468	DISC	Ĵ	1	TU TH	317	GH	
	LECT	I	10	TU TH	112	G H	
41475	DISC	K	1	TU TH	133	ARMORY	
	LECT	I	10	TU TH	112	G H	
41482	DISC	L	2	TU TH	317	G H	
	LECT	I	10	TU TH	112	GH	
41490	DISC	L1	2	TU TH	254	ADMIN	
(150)	LECT	I	10	TU TH	112	G H	
41501	DISC	L2	3	TU TH	317	GH	
41518	DISC	I	10	TU TH M W	112	G H	
41516	LECT	L 3	10	TU TH	317 112	G H G H	
41525	DISC	M	8	TU TH	254	ADMIN	
72727	LECT	11	9	M M	112	G H	
41532	DISC	N	8	TU TH	146	ARMORY	
	LECT	11	9	M W	112	G H	
41685	DISC	*&S	9	TU TH	313	G H	
	LECT	* I I	9	M W	112	G H	
41540	DISC	0	9	TU TH	133	ARMORY	HINELY
	LECT	ΙI	9	M W	112	GH	
41557	DISC	P	9	TU TH	146	ARMORY	
	LECT	I I	9	M W	112	G H	
41564	DISC	R	10	TU TH	133	ARMORY	
	LECT	ΙΙ	9	M W	112	GH	
41571	DISC	T	11	M W	317	GH	
61E00	LECT	11	9	M W	112	G H	
41589	DISC	U I I	11	M W M W	146 112	ARMORY G H	
41596	DISC	W	11	TU TH	133	ARMORY	
41570	LECT	ïı	9	M W	112	G H	
41607	DISC	×	12	TU TH	254	ADMIN	
	LECT	II	9	M W	112	G H	
41614	DISC	× 1	12	M W	317	G H	
	LECT	11	9	M W	112	G H	
41621	DISC	X2	1	TU TH	313	G H	
	LECT	11	9	M W	112	G H	
41639	DISC	Х3	1	M W	317	G H	
	LECT	ΙΙ	9	M W	112	G H	
41646	DISC	X 4	2	TU TH	313	G H	
	LECT	11	9	M W	112	G H	
41653	DISC	X 5	2	TU TH	307	G H	
(1//1	LECT	11	9	M W	112	G H	
41661	DISC	X6	2 9	M W	307	GH	
41678	DISC	1 I X 7	3	M W TU TH	112 307	G H G H	
41010	LECT	II	9	M W	112	G H	
	2001		,		112	0 11	

HIST 131 HI 4 HOURS HISTORY OF ENGLAND TO 1688. \*DISC. &S--RESERVED FOR JAMES SCHOLARS AND STUDENTS OF VERY HIGH STANDING . LECT L H THEATRE FOSTER 41692 11 TU TH 317 G H 133 ARMORY 8 41703 DISC Α TU TH 41711 DISC B 41728 DISC C 9 TU TH 317 G H 41735 DISC D TU TH 331 41742 TU TH DISC E 10 317 41750 DISC F 10 313 10 11 12 12 12 1 1 1 2 41767 DISC G TU TH 317 J K L 41774 313 TU TH 41781 DISC 313 41799 DISC TU TH 307 GH M W 41800 DISC 307 GH TUTH М 254 ADMIN 41817 DISC 41824 DISC N TU TH 307 G H M W DISC 0 ADMIN 41831 254 TU TH 41888 DISC # E. S 331 GH ENSTER 2 2 DISC Р TU TH L H 41849 106 ARMORY 41856 DISC R TH TH 146 3 41863 331 G H 254 ADMIN DISC т TU TH 41871 DISC U HIST HISTORY OF THE UNITED STATES TO 1865. 151 \*CREDIT IS NOT GIVEN FOR BOTH HIST. 151 AND 261. \*4 HOURS DISC. &S--RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING. LECT 41895 0 TU TH L H THEATRE MCCOLLEY 41906 DISC Δ 8 428 ARMORY WF 41913 106 DISC B 9 LH DISC G H 41921 C 9 331 ARMORY O E F G 41938 DISC 10 10 10 9 428 TU TH 41945 DISC 146 ARMORY 41952 DISC TU TH 428 ARMORY W F 41960 DISC 331 G 10 H 10 J 11 &S 11 K 11 L 11 41977 DISC H 428 ARMORY 41984 DISC TU TH 146 ARMORY 331 42118 DISC 10 TH
W F
W F
12 TU TH
12 M W
12 W F
1 TU TH
1 TU G H MCCOLLEY 41991 DISC 428 ARMORY 42004 DISC 307 G H M G H 42011 DISC 331 N 42029 DISC 331 GH 0 42036 DISC 307 GH DISC ADMIN 42043 254 R GH 42051 DISC 331

HISTORY OF THE UNITED STATES FROM 1865 TO THE PRESENT. HIST \*CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262. \*4 HOURS

T

U

X 1

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ARMORY

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428

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313 G H

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WF

TU TH

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42068

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42082

42101

42090

DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS
OF VERY HIGH STANDING.
42125 DISC A B TU TH 307 G H A M W TU TH LECT T 9 М 100 NL 8 42132 DISC В 331 G H LECT I M W N L 42140 DISC С 8 TU TH 106 LECT I М W 100 N I 42157 DISC 9 TU TH 254 ADMIN D LECT 9 M W 100 E DISC 9 TU TH 307 LECT I 9 W 100 N. I 42171 DISC 9 TU TH 106 L H LECT I 9 M W 100 NL TU TH 42189 DISC G 10 307 GH LECT 9 M W 100 T N I 10 TU TH 42196 DISC 254 H ADMIN M W TU TH LECT I 9 М 100 N L 42207 DISC J 331 GH LECT 9 M W 100 N L

HIST	152 CONTI						
	42214	DISC	K I	10	M W M W	254 100	ADMIN N L
	42221	DISC	Ĺ	10	M W	307	G H
		LECT	I	9	M W	100	NL
	42239	DISC	L 1	11	TU TH M W	254 100	ADMIN
	42246	DISC	L 2	11	TH. TH	307	G H
		LECT	I	9	M W	100	N L
	42253	DISC	L 3	11	TU TH	106	L H
	42261	DISC	I L 4	9	M W TU TH	100	N L L H
		LECT	I	9	M W	100	N L
	42278	DISC	L 5	1	TU TH	106	L H
	42285	DISC	I L 6	9	M W TU TH	100 146	N Ł ARMORY
		LECT	1	9	M W	100	N L
	42292	DISC	L 7	2	TU TH M W	133	ARMORY
	42303	DISC	I L 8	9	M W TU TH	100 428	N L ARMORY
	42303	LECT	I	9	M W	100	N L
	42311	DISC	L 9	3	TU TH	106	L H
	42328	DISC	I L10	9	M W TU TH	100 146	N L ARMORY
	42320	LECT	I	9	M W	100	N L
	42335	DISC	М	8	W F	133	ARMORY
	42342	DISC	II N	2 8	M W TU TH	112 428	G H ARMORY
	42342	LECT	II	2	M W	112	G H
	42350	DISC	0	9	TU TH	428	ARMORY
	42367	LECT DISC	I I	9	M W W F	112	G H ARMORY
	42301	LECT	II	2	M W	112	G H
	42374	DISC	R	10	M W	184	LH
	42381	L E C T D I S C	11	2	M W	112	G H ARMORY
	42301	LECT	II	2	M W	112	G H
	42399	DISC	U	10	TU TH	106	LH
	42400	DISC	II	2	M W TU TH	112 313	G H G H
	42400	LECT	II	2	M W	112	GH
	42417	DISC	X1	11	M W	106	L H
	42424	L ECT DISC	II X2	2	M W M W	112 428	G H ARMORY
	42424	LECT	11	2	M W	112	G H
	42431	DISC	X 3	12	TU TH	146	ARMORY
		LECT	II	2	M W	112	G H
	42449	DISC	X 4 I I	12	TU TH M W	428 112	ARMORY G H
	42456	DISC	X 5	1	M W	331	G H
	42463	DISC	II	2	M W TU TH	112 254	G H ADMIN
	42463	LECT	X 6	2	M W	112	G H
	42471	DISC	8.5	3	M W	307	G H
		LECT	II	2	M W	112	G H
HIST	181 THE	ANCIENT WO	RLD. AN	CIENT EMP	IRES AND GR	EECE.	
	PREREQUI	SITE: SOPHO ION AS JAME	MORE STAI	NDING, OR	FRESHMAN S	TANDI	NG WITH
	3 HOURS	IUN AS SAME	3 SCHOLA				
	42488	LECT		3	M W	223	G Н
	42495 42506	DISC	A B	2	TH TH	370 370	L H L H
	42513	DISC	C	1	F	317	G H
	42521	DISC	D	2	F	254	ADMIN
HIST	191 TRA	DITIONAL EA	STERN CT	VILIZATIO	NS.		
	4 HOURS						
	42538	LECT	Δ	11	M W F	66 313	LIB G H
	42545 42552	DISC	В	1	M W	146	ARMORY
	42560	DISC	C	2	M	313	G H
	42577	DISC	D	2	W	146	ARMORY
	42584 42591	DISC	E	3	TU W	133	ARMORY ARMORY
	42602	DISC	G	3	"тн	133	ARMORY
	42610	DISC	H	4	M TH	313 133	G H ARMORY
	42627	0130	J	4	i H	133	AKMUKT

CRAWFORD, D

WALLER

HIST 198 FRESHMAN SEMINAR. PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR. 3 HOURS \*TOPICS IN AMERICAN HISTORY. 1-215 FARNHAM M W 317A D K H DISC 42634 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS HIST CONF STAFF 42641 COURSES FOR ADVANCED UNDERGRADUATES HIST 209 THE NEAR EAST FROM MOHAMMED TO NAPOLEON. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY. 2 HOURS DAWN TU TH 313 G H 42659 HIST 211 THE CONTEMPORARY WORLD: POLITICAL, IDEOLOGICAL, AND INTERNATIONAL FORCES. 3 HOURS M W F 114 D K H 42666 LECT 9 SURVEY OF RUSSIAN HISTORY FROM EARLY TIMES TO THE PRESENT. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF HIST INSTRUCTOR. 3 HOURS M W F 319 G H 42673 - 1 .7 SCIENCE IN WESTERN CIVILIZATION, I.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR PHILOSOPHY OR CONSENT HIST 247 OF INSTRUCTOR. 3 HOURS M W F 313 G H APPLEBAUM 42681 LECT HIST 260 COLONIAL BEGINNINGS AND THE AMERICAN REVOLUTIONARY ERA TO 1789. 3 HOURS 2 M W F 223 G H MCCOLLEY 42698 LECT THE FIRST CENTURY OF THE AMERICAN REPUBLIC. \*CREDIT IS NOT GIVEN FOR BOTH HIST. 151 AND 261. HIST 261 \*3 HOURS LECT. A IS AN ACCELERATED SECTION FOR TEACHER TRAINEES. IT IS OPEN ONLY TO STUDENTS TAKING ED. PR. 241 AND 242, AND WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. 114 D K H JOHANNSEN 213 G H LECT 42709 1 MTUWTHE LECT 42716 HIST 262 THE UNITED STATES: WORLD POWER IN AN INDUSTRIAL AGE SINCE 1877. \*CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262. \*3 HOURS BATES 42723 LECT 8 M W F 213 G H HISTORY OF LATIN AMERICA TO 1824. HIST 3 HOURS LECT 42731 331 G H FALCOFF TEACHING OF HISTORY.

PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, SENIOR STANDING. HIST 2 HOURS \*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. M W F 307 G H DAHL **\***8 42748 LECT THESIS. PREREQUISITE: HISTORY MAJOR WITH SENIOR STANDING AND A 4.0 GRADE-POINT AVERAGE, AND WRITTEN CONSENT OF THE HONORS ADVISOR. \*STUDENTS MAY ACCUMULATE 6 HOURS. \*3 HOURS 42755 CONF STAFF

HIST	295 READ	ING COURSE.	OD CENTO	0 OF UT	OH STA	ND THE	AND .	RITTEN CONSENT	
	OF THE HO	SITE: JUNIOR DNORS ADVISOR	UK SENIO	K UF HI	on SIA	ND ING	ANU W	KITTEN CONSENT	
	2 TO 4 HC	OURS							
	42762	CONF	& ARR						STAFF
HIST	298 COLL	OQUIUM IN H	ISTORY.					V 75151150	
		SITE: ENROLLI WITH SENIOR			r MAJL	IK UK F	112101	T TEACHER	
	3 HOURS								
	42770 42787		A B	1-3 1-3	M M		36 91	COM W	MCKAY PIERSON
	42794	DISC	c	1-3	TU		96	COM W	SIRICH
				1-3	M		304	G H	SOLBERG
		DISC I		1-3	M	н	96 20	COM W	UROFF WECHSLER
		COURSES	FOR ADVAN	CED UND	ERGRAD	UATES	AND (	GRADUATES	
	NOTE ONE	YEAR OF CO	LLEGE HIS	TORY IS	REQUI	RED EX	CEPT	WHERE NOTED.	
HIST	301 THE	MIDDLE AGES	. 400 TO	1100 A	n.				
11131	3 HOURS,	MIDDLE AGES OR 1/2 OR 1	UNIT	1100	•				
	42837	LECT		2	M W	F	331	G H	QUELLER
HIST	305 THE 3 HOURS, 42844	AGE OF THE	RENAISSAN	ICE.					
	42844	LECT	UNII	9	M W	F	223	G H	TREXLER
HIST	307 CLAS	SSICAL ISLAM	: THE NEA	R EAST	FROM M	OHAMME	D TO	THE CRUSADES.	
	3 HOURS,	OR 1/2 OR 1	UNIT						
	42851	LECT		8	M W	F	313	G H	DAWN
HIST		LOPMENT OF I			BSOLUT	ISH AN	in cor	ONIAL	
	PREREQUIS	ITE: ONE YE	AR OF COL	LEGE HI	STORY	OR COM	ISENT	OF INSTRUCTOR.	
	3 HOURS, 42869	OR 1/2 OR 1 LECT		.0	M W	F	106	LH	BERNARD
	42009	2201	1	.0	m m	-	100	C H	DEKNAKU
HIST	311 EUR	PEAN HISTOR	V EDOM 10	15 70 1	071				
U121	PREREQUIS	SITE: ONE YE	AR OF COL	LEGE HI	STORY,	POLIT	ICAL	SCIENCE, OR	
	ECONOMICS								
	42876	OR 1/2 OR 1 LECT	UNII	.1	M W	F	213	GН	NICHOLS
HIST	313 EURO	PEAN HISTOR	Y FROM 19	18 TO 1	939.				
	PREREQUIS	SITE: ONE YE	AR OF COL	LEGE HI	STORY	OR POL	ITICA	L SCIENCE,	
	OR ECONOM	OR 1/2 OR 1	UNIT						
	42883	LECT	1	.0	H = W	F	141	COM W	SUML ER
HIST	315 ECOM	NOMIC AND SO	CIAL HIST	ORY OF	EUROPE	TO 18	15.		
	PREREQUIS	SITE: ONE YE	AR OF COL	LEGE HI	STORY	OR ECC	ONOMIC	S, OR	
	3 HOURS,	OR 1/2 OR 1	UNIT						
	42891	LECT		8	M W	F	106	LH	MCKAY
HIST	318 MODE	RN EUROPEAN	DIPLOMAT	IC HIST	DRY, 1	789 TO	1890	OF INSTRUCTOR.	
	3 HOURS.	OR 1/2 OR 1	UNIT	LEGE III.					
		LECT		1	M W	F	106	LH	SCHROEDER
	•								
HIST	325 INTE	LLECTURAL A	ND CULTUR	AL HIST	DRY OF	RUSSI	A TO	1881. OF INSTRUCTOR.	
	3 HOURS:	OR 1/2 OR 1		LEGE HI	SIUKY	UK CUN	INI	OF INSTRUCTUR.	
	42919	LECT		8	M W	F	223	G H	UROFF
HIST	327 RUSS	SIA FROM 185	5 TO THE	BOLSHEV	IK REV	OLUTIO	N OF	1917.	
	CONSENT	SITE: ONE YE	AR OF COL R.	LEGE HI	STURY	UR POL	TICA	L SCIENCE, OR	
	3 HOURS,	OR 1/2 OR 1	UNIT						
	42926	LECT		9	M W	F	66	LIB	FISHER

HIST 329 HISTORY CF SOUTHEASTERN EUROPE, FOURTEENTH TO THE EIGHTEENTH CENTURY.

PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 42933 317 G H HITCHINS HIST 341 MODERN BRITAIN, THE VICTORIAN ERA, 1815-1900. 3 HOURS, OR 1/2 OR 1 UNIT 42941 LECT 9 M W F 31 317 G H ARNSTEIN HIST 349 THE SCIENTIFIC REVOLUTION--1543-1727. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT LECT 10 M W F APPLEBAUM 42958 313 G H HISTORY OF THE UNITED STATES FROM JACKSON TO THE CIVIL WAR. HIST 3 M W F 314 A H JOHANNSEN HISTORY OF THE UNITED STATES, 1877-1909.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, POLITICAL SCIENCE OR HIST 360 ECONOMICS. 3 HOURS, OR 1/2 OR 1 UNIT 972 LECT 10 M W F 319 G H BATES HIST 362 HISTORY OF THE UNITED STATES SINCE 1932. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, POLITICAL SCIENCE OR ECONOMICS. 3 HOURS, OR 1/2 OR 1 UNIT 42980 LECT 11 M W F 112 G H KRUEGER HIST 363 SOCIAL HISTORY OF INDUSTRIAL AMERICA TO 1890. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
3 HOURS, OR 1/2 OR 1 UNIT
11 M W M W F 313 G H JAHER HIST 374 IMPERIALISM, 1870-1919. PREREQUISITE: ONE YEAR SURVEY COURSE IN HISTORY. 3 HOURS, OR 1/2 OR 1 UNIT 43000 1.0 M W F 213 G H HEINRICHS 7 HISTORY OF MODERN BRAZIL, 1808 TO THE PRESENT. PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR ENROLLMENT IN LATIN HIST 377 AMERICAN STUDIES. 3 HOURS, OR 1/2 OR 1 UNIT M W F LOVE 43017 106 L H 381 ANCIENT GREEK STATES 3 HOURS, OR 1/2 OR 1 UNIT 43024 LECT ANCIENT GREEK STATES. HIST 307 G H THOMSON INDIAN HISTORY AND CIVILIZATION TO 1707. HIST PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOP.
3 HOURS, OR 1/2 OR 1 UNIT 9 M W F 254 ADMIN KLING 90 CHINA UNDER THE CHING DYNASTY.

PREREQUISITE: DNE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.

31 HOURS, OR 1/2 OR 1 UNIT

33049 LECT 2 M W F 319 G H HIST 390 43049 EASTMAN A HISTORY OF CHINA TO 906 A. D.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF HIST 391 INSTRUCTOR.

269 E E B

WE CH SLER

3 HOURS, OR 1/2 OR 1 UNIT

43056

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HIST 396 MODERN JAPAN.

PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

43043 LECT 11 M W F 254 ADMIN
                                                                                 PIERSON
  HIST 397
                HISTORY AND THOUGHT OF JAPANESE BUDDHISM.
         PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
           3 HOURS, OR 1/2 TO 1 UNIT
                                         3-430
                                                  TO TH
                                                            313 G H
                                                                                 UNNO
                                    COURSES FOR GRADUATES
 HIST 403 P
              PROBLEMS IN EUROPEAN HISTORY TO 1815.
          *SECTION A TOPIC: ENGLAND 1688-1815.
        *SECTION 8 TOPIC: ENGLAND 1485-1688.

43088 DISC *A 1-3 W 216 L H ARNSTEIN
43095 DISC *B 3-5 TU 304 G H FOSTER
 HIST 404 PROBLEMS IN MODERN EUROPEAN HISTORY SINCE 1815.
          *SECTION A TOPIC: THE BALKANS.
          *SECTION B TOPIC: GERMAN HISTORY, 1870-1918.
          *SECTION C TOPIC: RUSSIA.
*SECTION D TOPIC: EUROPEAN DIPLOMATIC HISTORY.
        43138
43145
                                                                                  SCHROEDER
HIST 408 PR
              PROBLEMS IN AMERICAN HISTORY SINCE 1865.
          TOPIC: THE GILDED AGE.
        43152 DISC
LECT
                                        3-5
                                                F 388 L H
M 317 G H
                                                                               FARNHAM
FARNHAM
                                         4
HIST 409 PROBLEMS IN ASIAN HISTORY.
        1 UNIT
          1 UNIT
THIS COURSE MEETS WITH ECON. 490.
3-5 TU 28 COM W
        43160 DISC
                                                                                 EASTMAN
HIST 411 SE
               SEMINAR IN ANCIENT HISTORY -- GREECE.
       43177
                              1-3PM TU TH
                  DISC
                                                           209A D H
                                                                                THOMSON
HIST 415
             SEMINAR IN MEDIEVAL HISTORY.
         1 UNIT
       43184
                 DISC
                                                   TH
                                                          304 G H
                                                                                QUELLER
HIST 419 SEMINAR IN EUROPEAN HISTORY, 1648-1815.
         1 UNIT
         *SECTION A TOPIC: EARLY MODERN EUROPE.
       *SECTION 8 TOPIC: EARLY MUDERN EURUPE.
*SECTION 8 TOPIC: ERA OF THE FRENCH REVOLUTION AND NAPOLEAN.
43191 DISC *A 1-3 TU 304 G H
43202 DISC *B 3-5 W 304 G H
                                                                               BERNARD
       43202
                                                                                SIRICH
HIST 443 SEMINAR IN SOUTH ASIAN HISTORY.
       1 UNIT
43210 DISC ARR
                                                                               KLING
            SEMINAR IN AMERICAN HISTORY SINCE 1789.
HIST 453
       1 UNIT
       1 UNIT
*SECTION A: AMERICAN DIPLOMATIC.
*SECTION B: URBAN AND REGIONAL ELITES AND UPPER CLASSES.
43227 DISC *A 1-3 W 304 G H
43234 DISC *B 3-5 TH 170 L H
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HEINRICHS JAHER

HIST 497 READING COURSE.

PRESEQUISITE: MASTERS DEGREE OR EQUIVALENT, CONSENT OF INSTRUCTOR.

1 UNIT

43241 CONF ARR STAFF

HIST 499 THESIS RESEARCH.

43259 CONF ARR STAFF

#### HISTORY AND PHILOSOPHY OF EDUCATION

DEPARTMENT OFFICE

369 EDUC

#### COURSES FOR ADVANCED UNDERGRADUATES

HP ED 201 FOUNDATIONS OF AMERICAN EDUCATION.

PREREQUISITE: (FOR STUDENTS NOT IN ELEMENTARY EDUCATION) SE. ED.

101 OR VOTEC. 101 AND PSYCH. 100. (FOR STUDENTS IN ELEMENTARY

EDUCATION) PSYCH. 100 ONLY.

2 HOURS

SECTION A4 IS A SPECIAL SECTION. STUDENTS ENROLLED IN THIS SECTION A1 OF EDRSY. 211. THE CONTENT OF

SECTION A4 IS A SPECIAL SECTION. STUDENTS ENROLLED IN THIS SECTION MUST ALSO BE ENROLLED IN SECTION A OF EDPSY. 211. THE CONTENT OF THE TWO COURSES WILL BE COORDINATED SO THAT STUDENTS MAY UNDERSTAND THE RELATIONSHIP BETWEEN PSYCHOLOGICAL PRINCIPLES AND THE FOUNDATIONS OF AMERICAN SECONDARY EDUCATION.

			ARE ONLY FOR	THOSE STU	DENTS	WHO	
CANNOT	BE SCHEDUL	ED IN L	ECTURE A.				
43451	LECT	A	11-1	TU TH	L H T	HEATRE	STAFF
43266	DISC	1	11-1	TU TH	19	DKH	STAFF
43469	DISC	2	11-1	TU TH	106	DKH	STAFF
43273	DISC	3	11-1	TU TH	300	N L	STAFF
43281	DISC	4	11-1	TU TH	322	E H	STAFF
43298	DISC	5	11-1	TU TH	154	ARMORY	STAFF
43309	DISC	6	11-1	TU TH	218	AGR ENG	STAFF
43316	DISC	7	11-1	TU TH	173	AH	STAFF
43323	DISC	8	11-1	TU TH	243	A H	STAFF
43331	DISC	9	11-1	TU TH	321	A H	STAFF
43348	DISC	10	11-1	TU TH	443	AH	STAFF
43355	DISC	11	11-1	TU TH	302	LH	STAFF
43362	DISC	12	11-1	TU TH	370	LH	STAFF
43370	DISC	13	11-1	TU TH	388	L H	STAFF
43387	DISC	14	11-1	TU TH	162	E E B	STAFF
43476	DISC	15	11-1	TU TH	170	EEB	STAFF
43394	DISC	16	11-1	TU TH	245	E E B	STAFF
43405	DISC	17	11-1	TU TH	250	F F B	STAFF
43412	DISC	18	11-1	TU TH	254	EEB	STAFF
43420	DISC	19	11-1	TU TH	257	EEB	STAFF
43437	LECT-DIS			F	21	DKH	
			9-11	F			STAFF
43444	LECT-DIS		10-12		317A	DKH	
91992	LECT-DIS		2-4	TU	19	DKH	
92005	LECT-DIS	<b>₽</b> Д4	10-12	TH	137	ARMORY	

HP ED 249 INDEPENDENT STUDY.

PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS

43483 CONE ARR STAFF

HP ED 291 THESIS.

PREREQUISITE: SENIOR STANDING.
2 HOURS
43491 CONF ARR

CONF ARR STAFF

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HP ED 301 PHILOSOPHY OF EDUCATION.
2 HOURS OR 1/2 UNIT

43501 LECT-DISC 3-5 W 192 EDUC STANLEY

НР	ΕĐ	302 HIS 2 HOURS 43519	TORY OF AME	RICAN EDU	CATION.				
		43519	LECT-DISC		4-6	TH	192	EDUC	KARIER
нР	ED	303 COM 2 HOURS	PARATIVE ED	UCATION.					
		2 HOURS *SECTION	OR 1/2 UNIT	DRS ONLY.					
		43526	B: FOR MAJ LECT-DISC LECT-DISC	A	3-5	TH	2	E D U C	SHORISH
		43333	6201-0130	- 0	3-7	***	•	EBOC	TATES
НР	ΕD	304 SOC	IAL FOUNDAT OR 1/2 UNIT	IONS OF E	DUCATION	1.			
		43541	1 FCT-DISC	D	7-9PM	W	100	GН	STANLEY
		43558 43565	LECT-DISC LECT-DISC LECT-DISC	A C	2-4 1-3 7-9PM	M TU	143	ARMORY ARMORY	SHORISH
		43572 43580	LECT-DISC LECT-DISC	B X AR	7-9PM R	М	213	G H	BURNETT DE IKAMA
HP	ΕD	305 HIS	TORY OF EDU OR 1/2 UNIT	CATIONAL	IDEAS.				
		43597	LECT-DISC LECT-DISC	Α	7-9PM	W TH	213	G H	MCMURRAY
		43622	LECT-DISC	D	7-9PM	1 H	213	GН	VIOLAS
НР	ED	306 INT	RODUCTION T	D AESTHET	IC EDUCA	TION.			
		2 OR 3 H 43630	BURS, OR 17.	2 OR 1 UN	7-9PM	М	170	COM W	R SMITH
				COUR	SES FOR	GRADUATES			
un		400 PRO	DI EME OF FD	ICAT TONAL	THEODY				
пг	ED	PREREQUI	SITE: HP. E	D. 301.	I HEUR T				
		1 UNIT 43647	LECT-DISC	A	7-9PM	TH	25	EDUC	MCMURRAY
HP	ED	403 THE PREREQUI	HISTORICAL SITE: CONSE	FOUNDATI	ONS OF A	MERICAN EDU	CATIO	NAL THOUGHT.	
		1 UNIT							
иn	E0.	404 SEM	ITAIAO TAI COIL	CATTONIAL	CLASSICS				
111	LU	PREREQUI	SITE: ONE G	RADUATE C	OURSE IN	PHILO SOPHY	OF E	DUCATION AND	
		1 UNIT							
		43661	LECT-DISC	A	3+5	W	385	EDUC	BROUDY
нр	ΕD	406 SEM	INAR IN THE	HISTORY	DE EDUCA	TION.			
***	LU	PREREQUI	SITE: TWO C	DURSES IN	THE HIS	TORY OF EDU	CATIO	N AND ONE INSTRUCTOR.	
		1 UNIT							
		43679	LECT-DISC	Α	7-9 PM	TU	170	COM W	VIOLAS
НР	ED	408 ADV	ANCED PHILO	SOPHY OF	EDUCATIO	N. I.			
		PREREQUI	SITE: HP. E	0. 301 OR			ADUAT	E STANDING,	
		1 UNIT			7 004		2.	604	2001101
		43686	LECT-DISC		7-9PM	М	36	COM W	BROUDY
НР	ED	410 SEM	INAR IN THE	ORIES OF	EDUCATIO	NAL AND SOC	IAL C	HANGE .	
		ONLY OPE	N TO CANDID						
		43693 43711	LECT-DISC LECT-DISC LECT-DISC	A	1-3 1-3 1-3	M	385	EDUC EDUC	BROUDY
		43729	LECT-DISC	D	1-3	W W	382	EDUC	STANLEY BURNETT
HP	ED	449 IND PREREQUI	SITE: APPRO	JDY. /AL OF ST	UDY OUTL	INE BY ADVI	SER A	ND THE	
		DEPARTME	NT CHAIRMAN REPEATED FO	PRIOR TO	ENROLLM	ENT.			
		*1/2 OR		AR					STAFF
		75150	COMP	AK	10				SIMFF

HP ED 484 EDUCATION IN THE INDUSTRIALIZED NATIONS.

PREREQUISITE: HP. ED. 303 OR 386 OR CONSENT OF INSTRUCTOR.

1 UNIT 43743

VATES

HP ED 490

O SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.

OPEN ONLY TC PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN
HISTORY AND PHILOSOPHY OF EDUCATION.

PREREQUISITE: FOR SECTION (C) ONLY, HP. ED. 483 OR CONSENT OF

INSTRUCTOR.

\*NOT MORE THAN ONE UNIT PER SECTION MAY BE COUNTED TOWARD A DEGREE IN ANY ONE SEMESTER.

\*1 TO 2 UNITS

SECTION E: METHODS OF RESEARCH. 43775 CONF E

**ENNIS** 

HP ED 499 THESIS RESEARCH. 9 THESIS F

43782 CONF

ARR

STAFF

# HOME ECONOMICS

DEPARTMENT OFFICE

260 BEV HALL

NOTE--HOME ECONOMICS COURSES DESIGNED PARTICULARLY FOR NON-MAJOR STUDENTS AND NOT FULFILLING THE REQUIREMENTS FOR A MAJOR IN HOME ECONOMICS ARE HOME ECON. 120, 125, 193, AND 271.

OTHER HOME ECONOMICS COURSES ARE ALSO OPEN TO NON-MAJORS WHO HAVE THE PREREQUISITES LISTED FOR THE COURSE AND THE CONSENT OF THE INSTRUCTOR. STUDENTS ARE REFERRED PARTICULARLY TO H.EC. 105, 132, 133, 160, 171, 182, 183, 184, 210, 260, 270, AND 285.

## COURSES FOR UNDERGRADUATES

H EC 100 ORIENTATION TO HOME ECONOMICS. REQUIRED OF FRESHMEN ENTERING THE DEPARTMENT DURING SUMMER OR FALL SESSIONS.

O CREDIT 43790 LECT 314 A H

H EC CHILD AND FAMILY. 105 4 HOURS

103 FLOR 12 C D 12 C D 43801 103 WF 1 ECT 11 LAB-DISC 9-11 43818 Α TU 43825 LAB-DISC В 9-11 W 43832 LAB-DISC 9-11 TH 12 n D 43840 LAB-DISC 9-11 F 12 43857 LAB-DISC 2-4 TU 12 D Ε 43864 LAB-DISC E 208 D F 12

VAN DEN DAELE MILLS

ELEMENTARY NUTRITION. H EC 120

FOR NON-HOME ECONOMICS MAJORS. PREREQUISITE: SOPHOMORE STANDING.

2 HOURS

TU TH 242 BEV HALL LAFONT 43871 LECT-DISC

FOR NON-HOME ECONOMICS MAJORS. H EC 125

PREREQUISITE: SOPHOMORE STANDING.

3 HOURS 43889 LECT 12 C D DOWNEY M W W TU TH TU TH 43896 10-12 338 BEV HALL DOWNEY LAB LAB LAB LAB B C D BEV HALL 43907 LAB 3-5 1-3 338 DOWNEY 43914 BEV HALL 338 GLOVER 43921 BEV HALL LAB 10-12

H EC		ODS AND NUT ISITE: CRED		EGISTRATIO	N IN CHEM.	101.		
	43939 43946	LAB-DISC	A B	8-10 10-12	M W F M W	358 358 328	BEV HALL BEV HALL BEV HALL	JOHNSON CHASTAIN
	43953 43961	LAB-DISC LAB-DISC	B C D	10-12	M W F M W F	376 376	BEV HALL	GLOVER GLOVER
H EC	133 FO PREREQU 2 HOURS	OD MANAGEME ISITE: H. E	NT. C. 132.					
	CLASSES 43978	ARE HELD D LAB-DISC	URING N	OCN HOURS	ONLY WHEN M	358	RE SERVED. BEV HALL	JOHNSON
	<b>43</b> 985	LAB-DISC	B B	12-3 10-12 10-1	TU TH	358 358 358	BEV HALL BEV HALL	JOHNSON
55								
H EC	160 TH 4 HOURS	E HOME AND	ITS FUR	VISHINGS.				
	43992			9	TU TH M W M W M W TU TH	135	ASL	ALEXANDER
	44005 44012	LAB LAB LAB LAB LAB LAB	A	10-12 1-3	M W	222	A S L BEV HALL BEV HALL BEV HALL BEV HALL	BERMAN BERMAN
	44012	LAB	C	3-5	M W	222	REV HALL	POTTS
	44037	LAB	D	10-12	титн	222	BEV HALL	BERMAN
	44044	LAB	E	1-3	10 1H	222	BEV HALL	BERMAN
	44051	LAB	F	3-5	TU TH	222	BEV HALL	POTTS
н ЕС		ME MANAGEMEI	NT.					
	2 HOURS	1 ECT_015C	Α.	1.0	u c	154	DEV HALL	CHTHRIE
	44069 44076 44083	LECT-DISC LECT-DISC	B	10 2 2	TU <sup>®</sup> TH <sup>©</sup>	328 328	BEV HALL BEV HALL BEV HALL	GUTHRIE GOODYEAR GOODYEAR
H EC		OTHING LABOR	RATORY.					
	2 HOURS		ARE RESE	RVED FOR	STHERNTS WI	TH FOR	MAL TRAINING	
	IN CLOT	HING CONSTR	UCTION 1	N EITHER	HIGH SCHOOL	DR 4-	H WORK -	
	44091		A	10-12	M W			ZWOLANEK
	44119	LAB	*B		M W	122	BEV HALL	ZWOL ANEK ZWOL ANEK EDDY
	44101 44126	LAB LAB LAB	*D	10-12 3-5	TU TH	122	BEV HALL BEV HALL BEV HALL	EDDY ZWOL ANEK
H EC	183 COI 2 HOURS	NSUMER TEXT	ILES.					
	44133	LAB	Δ	8-10	M W	208	BEV HALL	TREBILCOCI
	44141	LAB	В	10-12	M W	208	BEV HALL	TREBILCOCK
	44158	LAB	С	3-5	M W	208	BEV HALL	BANNER
	44165 44172	LAB LAB LAB LAB LAB LAB	D E	10-12 1-3	TU TH TU TH	208	BEV HALL BEV HALL	BANNER EDDY
H EC	184 CLI	OTHING SELECTION		GISTRATIO	N IN ART 18	5.		
	2 HOURS							
	44180	LAB	Δ	8-10	м ы м ы	132	BEV HALL	BANNER
	44197	LAB LAB LAB	В	10-12	M W	132	BEV HALL BEV HALL BEV HALL	MITOI MOII
	44208 44215	LAB LAB	C D	10-12 1-3	TU TH TU TH	132	BEV HALL BEV HALL	ANS PACH BANNER
H EC	193 TE	XTILE ARTS	OR OCCU	PATIONAL	THE RAPY.			
		ISITE: ART	185.					
	4 HOURS 44222	LAB		8-12	TU TH	174	BEV HALL	AUSTIN
H EC	196 WE	AVING.						
	3 HOURS							
	*SECTION	N A1 IS FOR	MAJORS	IN HOME E	CONOMICS-AGI	RICULT	URE, HOME	
	ECONOMIC ART EDUC	CS-LAS, VOCA	ATIONAL	HOME ECON	OMICS EDUCATION	TION,	ART-CRAFTS, AN	D
	44230	LAB	*A1	2-5	M W	174	IN SECTION A2. BEV HALL BEV HALL	AUSTIN
	44247	LAB	*A2	2-5	M W	174	BEV HALL	

# COURSES FOR ADVANCED UNDERGRADUATES

	2 LAB	OPATORY IN									
	DDEDECTIF	OKA TOKT ZIT	CHILD DE	/ EL OPMENT	•						
44 d 44 d 44 d	2 HOURS	SITE: H. EC	. 105, P	SYCH. 100	OR	103	•				
4 i 4 i		LECT		3-5	М			12	C D		KING
4	+261	LECT LAB LAB LAB LAB LAB LAB LAB	A	9	TI	J TH		12 219 219 219 219 219 219 219	C D		NURSERY SCHOOL
	+219 4286	LAB	C	9		W	F	219	CD		STAFF
44	+293	LAB	D	11		W	F	219	C D		
44	+304	LAB	E	2-4	Τι	1		219	C D		
44	+311	LAB	F	2-4		W		219	C D		
44	4336	LAB	Н	2-4		171	F	219	CD		
H EC 203	3 CHI	LD DEVELOPM	ENT: PER	IND OF IN	FΔN(	Υ Δ	ND E	ARI Y	CHILI	DHOOD.	
	PREREQUI	SITE: H. EC	. 105 OR	PSYCH. 2	16.						
	4 HOURS	LCCT		2		11	-		c n		VAN DEN DAELE
4		LECT		210-12	M	w TH	-	282	BEV	HALL	VAN DEN DAELE
H EC 210	C E A M	ILY RELATIO	NICHIDC								
	3 1101106										
44	4351	LECT	Α	8	М	W	F	12	C D		SPORAKOWSKI SPORAKOWSKI
44	368	LECT	В	11	M	W	-	12	LD		SPURAKUWSKI
		NCIPLES OF SITE: CHEM.			ABIC	0 11	vcı	102			
	3 HOURS	SITE CHEM.									
44	375	LECT		11 10-12	М		F	242	BEV	HALL HALL	BROWN
		LAB		10-12		W		328	BEV	HALL	BROWN
	F001										
		SITE: CHEM.									
44	+382	LECT LAB LAB		1 1-4 8-11			F	242	BEV	HALL	LAFONT
	382 390	LAB	Δ	1-4	M	W		362	BEV	HALL	LAFONT
4.4	401	LAB	В	8-11	11	) IH		362	BEV	HALL	LAFONT
		SITE: FOOD					N. 1	108.	H. Er	231.	
		OF INSTRUCT		CERTIFIC,			3148	1004	110 E	2314	
	*CREDIT	IS NOT GIVE	N FOR BOT	TH H. EC.	240	) AN	35	1.			
	*3 OR 5 H	WILL MEET	8-1230 (	IN DAYS TO	) B	ΔR	RANGE	FD.			
44	418	LECT	0 1230 0	3		W		291	BEV	HALL	CRUSIUS
44	425	LECT LAB LAB	A	8-1230	М	W :	F	292	BEV	HALL	
444	432	LAB	L AH	(R				292	BEV	HALL	
H EC 260	PER:	IOD STYLES	IN HOME F	URNISHIN	GS.						
	3 HOURS										
		LECT		10 10-12	М	W		242	BEV		AL EX ANDER
44		LAB		10-12			=	222	BEV	HALL	ALEXANDER
4 4											
	THE	HOME AND I	TS FURNIS	SHINGS.		5.0	140	AND	240		
	PREREQUI:	SITE: ART 1	86 OR EQL	JIVALENT,	н.	EC.	160	AND	260.		
H EC 262	FIELD TR. 3 HOURS	SITE: ART 1 IP, ESTIMAT	86 OR EQL	SE, \$10.							
H EC 262	FIELD TR. 3 HOURS	SITE: ART 1 IP, ESTIMAT	86 OR EQL	SE, \$10.						HALL	ALEXANDER
H EC 262	PREREQUI: FIELD TR 3 HOURS 4457	SITE: ART 1 IP, ESTIMAT LAB-DISC	86 OR EQU ED EXPENS	JIVALENT, SE, \$10. 2-5						HALL	ALEXANDER
H EC 262	PREREQUI: FIELD TR: 3 HOURS 4457	SITE: ART 1 IP, ESTIMAT LAB-DISC ILY FINANCI	86 OR EQUED EXPENS	JIVALENT, SE, \$10. 2-5 EMENT.	TU	J TH		234		HALL	ALEXANDER
H EC 262	PREREQUI: FIELD TR 3 HOURS 457 FAM PREREQUI:	SITE: ART 1 IP, ESTIMAT LAB-DISC	86 OR EQUED EXPENS	JIVALENT, SE, \$10. 2-5 EMENT.	TU	J TH		234		HALL	ALEXANDER
H EC 262	PREREQUI: FIELD TR: 3 HOURS 4457	SITE: ART 1 IP, ESTIMAT  LAB-DISC  ILY FINANCI SITE: ECON.	86 OR EQUED EXPENS	JIVALENT, SE, \$10. 2-5 EMENT. 103 OR 10	T(	J TH	EC.	234	BEV		ALEXANDER GUTHRIE
H EC 262	PREREQUI: FIELD TR 3 HOURS 457 FAM PREREQUI: 3 HOURS	SITE: ART 1 IP, ESTIMAT  LAB-DISC  ILY FINANCI SITE: ECON.	86 OR EQUED EXPENS	JIVALENT, SE, \$10. 2-5 EMENT. 103 OR 10	T(	J TH	EC.	234	BEV		
H EC 262	PREREQUITED TR 3 HOURS 4457  PREREQUITE 3 HOURS 4464	SITE: ART 1 IP, ESTIMAT  LAB-DISC  ILY FINANCI SITE: ECON.	86 OR EQUED EXPENS	JIVALENT, SE, \$10. 2-5 EMENT. 103 OR 10	T(	J TH	EC.	234	BEV		
H EC 262	PREREQUI: FIELD TR 3 HOURS 457 PREREQUI: 3 HOURS 4664	SITE: ART 1 IP, ESTIMAT  LAB-DISC  ILY FINANCI SITE: ECON.  LECT	86 OR EQUED EXPENS  AL MANAGE 102 AND	JIVALENT, 5E, \$10. 2-5 EMENT. 103 OR 10	T(	J TH	EC.	234	BEV		
H EC 262  H EC 270  42  H EC 271	PREREQUI: FIELD TR 3 HOURS 4457 D FAM! PREREQUI: 3 HOURS 4464 L HOM! FOR NON-I	SITE: ART 1 IP, ESTIMAT LAB-DISC  LLY FINANCI SITE: ECON.  LECT  E MANAGEMEN	AL MANAGE 102 AND	JIVALENT, SE, \$10. 2-5 EMENT. 103 OR 10	T( 08, M	H. W	EC. :	234 171. 242	BEV	HALL	GUTHRIE

HOME MANAGEMENT. H EC 273 PREREQUISITE: ECON. 102 AND 103, OR 108, H. EC. 105, 133, 160, 171, 183, 184, CONSENT OF INSTRUCTOR. \*ADDITIONAL HOURS TO BE ARRANGED. STUDENTS RESIDE IN HOME MANAGEMENT HOUSE FOR FOUR WEEKS. TU TH 154 BEV HALL TU TH 1202 W GREEN LECT-DISC \*8 \*1-3 GUTHRIE 44489 LAB 1202 W GREEN MTUWTHE \*12 NON-TEXTILE APPAREL AND ACCESSORY MATERIALS. H EC 281 PREREQUISITE: H. EC. 183. 2 HOURS 44496 3-5 TU TH 208 BEV HALL TREBILCOCK HISTORY OF COSTUME. H EC 285 2 HOURS \*SECTION AT IS FOR MAJORS IN HOME ECONOMICS-AGRICULTURE, HOME \*\*SECTION AL 15 FOR MAJONS IN HUME ECUNUMICS-ACCIDENTURY HOME
ECONOMICS EDUCATION, ART-CRAFTS,
ART EDUCATION, THEATRE-ACTING, THEATRE-DIRECTING AND PLAYMRITING,
THEATRE-TECHNOLOGY AND DESIGN, THEATRE-ART, ADVERTISING,
NEWS-EDITORIAL, AND RADIO AND TELEVISION ONLY. ALL OTHER STUDENTS
MUST ENROLL IN SECTION A2.

507 LECT \*A1 9 TU TH 242 BEV HALL

514 LECT \*A2 9 TU TH 242 BEV HALL 44507 TREBILCOCK 44514 H EC 286 CLOTHING DESIGN--FLAT PATTERN. PREREQUISITE: ART 186 OR 120, H. EC. 182, 183 AND 184. 3 HOURS TU TH 44521 LAB Δ 2-5 108 BEV HALL ANSPACH H EC 7 CONSUMER CLOTHING PROBLEMS.
PREREQUISITE: ECON. 108, H. EC. 183 OR 184, PSYCH. 100 OR 103. SOC. 100. 2 HOURS 44539 LECT-DISC 1.0 TU TH 242 BEV HALL 7 WOL AN EK H EC 291 THESIS. PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT. 3 TO 5 HOURS \*LECT-DISC &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0. 44546 LECT-DISC A 44553 LECT-DISC \*&B ARR STAFF STAFF ADD COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES ADVANCED PROBLEMS IN HOME GUIDANCE OF CHILDREN. H EC 301 PREREQUISITE: H. EC. 202 AND 203, CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT EACH STUDENT ARRANGES FOR ONE LABORATORY PERIOD ON T W T DR F. \*LAB &E IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0. MINIMUM GRADE POINT AVERAGE OF THE STUDENTS ONLY. LECT-DISC 44561 12 C D 109 C D MOWRER 1 9-12 44578 NURSERY SCHOOL I AB TU В 44585 109 C D IAB 9-12 STAFF 44592 LAS C 9-12 TH LAB 9-12 F 109 C D 44603 D 44642 LAB **≉&E** 2-5 TU F 109 C D 44611 LAB LAB 2-5 44628 G 2-5 TΗ 109 LAB 44635 Н 2-5 F 109 € □ 44650 LAB \* I 9-12 ARR 322 PHYSICAL GROWTH AND NUTRITION.
PREREQUISITE: H. EC. 220, SENIOR STANDING, CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT

44667 LECT 8 TU TH 449 BEV HALL BROWN

H EC 330 EXPERIMENTAL FOODS. PREREQUISITE: H. EC. 231, MCBIO. 100, 101.
\*FOR 1 UNIT TWO ADDITONAL HOURS WILL BE SCHEDULED.
\*3 HOURS, OR 3/4 OR 1 UNIT
674 LECT 1 TU 32 328 BEV HALL 44674 362 BEV HALL 2-5 LAB TU BEV HALL 1-4 362 INSTITUTION AND RESTAURANT MANAGEMENT -- FOOD PURCHASING AND H EC 345 EQUIPMENT SELECTION.

PREREQUISITE: ECON. 108, CREDIT OR REGISTRATION IN H. EC. 240.

FIELD TRIP, ESTIMATED COST \$20.

\*CREDIT IS NOT GIVEN FOR BOTH H. EC. 345 AND H. EC. 351.

\*3 HOURS OR 1/2 UNIT 44681 LECT M W F 291 BEV HALL HUNZICKER MUSIC IN EARLY CHILDHOOD. SAME AS MUSIC 349. PREREQUISITE: SENIOR OR GRADUATE LEVEL IN MUSIC EDUCATION OR CHILD H EC DEVELOPMENT. 2 HOURS OR 1/2 UNIT LECT-DISC A 44699 7-9 PM TH 100 S H R SMITH ) FAMILY ECONOMICS. SAME AS AG. EC. 370. PREREQUISITE: ECON. 102 OR 108, A COURSE IN APPLIED STATISTICS, H FC 370 SENIOR STANDING. 3 HOURS, OR 3/4 OR 1 UNIT \*\*LECTURE &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.

700 LECT A 3-430 TU TH 242 BEV HALL 44700 DUNSING #£8 TU TH BEV HALL DUNS ING 44717 LECT 3-430 242 HOME EQUIPMENT.

PREREQUISITE: H. EC. 171; SIX ADVANCED HOURS IN HOME ECONOMICS
INCLUDING ONE OF THE FOLLOWING: H. EC. 231, 273, 380; SENIOR
STANDING; CONSENT OF INSTRUCTOR. H EC 3 HOURS OR 1/2 UNIT LECT-DISC 166 BEV HALL 166 BEV HALL ANDERSON ANDERSON 44724 9-11 TU TH LAB B PROBLEMS IN HOME MANAGEMENT.
PREREQUISITE: H. EC. 270 OR 262, CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT H EC 378 CONF ARR ALEXANDER GOODYEAR PROBLEMS IN FAMILY AND CONSUMPTION ECONOMICS. H EC PRETEQUISITE: ECON- 102 OR 108 AND A COURSE IN APPLIED STATISTICS, H. EC. 370, H. EC. 313, OR CONSENT OF INSTRUCTOR, SENIOR STANDING. 3 HOURS, OR 1/2 OR 1 UNIT 4749 CONF ARR 44749 DUNSING

H EC ADVANCED TEXTILES. 380 PREREQUISITE: H. EC. 183; CHEM. 102. 4 HOURS OR 1 UNIT \*LAB &C IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0. 44756 LECT 1-3 F 208 BEV HALL M W 44763 LAB Α 1-3 208 BEV HALL TU. M W 8-10 44771 LAB В TU TH 208 BEV HALL

33\*

H EC PROBLEMS IN TEXTILES AND CLOTHING. PREREQUISITE: H. EC. 286 DR 380, OR MKTG. 211, MINIMUM GRADE POINT AVERAGE OF 3.5, SENIOR STANDING IN HOME ECONOMICS, OR CONSENT OF INSTRUCTOR.

1-3

208

BEV HALL

3 HOURS, OR 1/2 OR 1 UNIT 44795

LAB

44788

ANSPACH AUSTIN AND TREBIL COCK

### COURSES FOR GRADUATES

PROBLEMS IN FAMILY LIVING.
PREREQUISITE: H. EC. 210. H EC 410 1 UNIT 44806 3-5 M W 208 C D MOWRER SEMINAR IN NUTRITION.

PREREQUISITE: GRADUATE STANDING AND UNDERGRADUATE DEGREE IN HOME
ECONOMICS WITH EMPHASIS ON FOODS AND NUTRITION OR COMPARABLE BACK—
GROUND IN BIOCHEMISTRY, MICROBIOLOGY, PHYSIOLOGY, OR OTHER BIOLOGICAL SCIENCE. 1/2 OR 1 UNIT 44813 0150 ARR 449 BEV HALL MC KEY H EC 470 SEMINAR IN FAMILY AND CONSUMPTION ECONOMICS.

SAME AS AG. EC. 470.

PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN STATISTICS,

H. EC. 370, H. EC. 313, OR CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT 44821 DISC 154 BEV HALL DUNS ING SEMINAR IN CLOTHING. H EC 487 PREREQUISITE: UNDERGRADUATE CURRICULUM WITH MAJORS IN TEXTILES AND CLOTHING, HOME ECONOMICS EDUCATION, HOME ECONOMICS EXTENSION OR GENERAL HOME ECONOMICS. 1/2 OR 1 UNIT 44838 DISC ANSPACH H EC ADVANCED STUDIES IN HOME ECONOMICS. 1/2 OR 1 UNIT WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS: A-- THE CHILD AND THE FAMILY B--FAMILY AND CONSUMPTION ECONOMICS C--FOODS D--NUTRITION E--TEXTILES AND CLOTHING ARR \* A 44845 CONF STAFF \*8 CONF 44852 ARR STAFF 44860 CONF \*C ARR STAFF CONF 44877 \*D ARR STAFF CONE ARR 44884 ÷Ε STAFF THESIS RESEARCH. H EC 499 O TO 4 UNITS WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS: A--THE CHILD AND THE FAMILY MILLS, SPORAKOWSKI AND VAN DEN DAELE B--FAMILY AND CONSUMPTION ECONOMICS DUNSING \* C--FOODS VAN DUYNE \* D--NUTRITION HASKELL SMITH ztr E--TEXTILES AND CLOTHING 44891 CONF \*A \*B ARR STAFF CONF STAFF 44902 ARR CONF STAFF 44910 \*C ARR 44927 CONF \*D ARR STAFF

44934

CONE

\*E

ARR

STAFF

# HORTICULTURE

DEPARTMENT OFFICE

HORT 221 PLANT PROPAGATION.
PREREQUISITE: BOT. 100 OR EQUIVALENT.

LECT

L AB

3 HOURS 45071

45089 45096 124 M H

# COURSES FOR UNDERGRADUATES

HORT	SAM	ANT AND ANIME AS AN. S. ISITE: BIOL.	., AGRON.,	AND D. S		R 80T.	101)	
			* 1 2	DENTS ONL 2 1-3 3-5 1-3	Y • M W TU TU TH	W109 W 13 W 13 W 13	T H	ALEXANDER AND OTHERS
	44973 44981	L AB	*4	3-5 2-4	M F	W 13 W 13		
HORT		ENHOUSE MAN		STRATION	IN BOT. 10	00.		
	45001 45018 45025			8-10 8-10 8-10	M W F	103 101 101	FLOR	SAUPE
HORT		ERGRADUATE REPEATED. HOURS	OPEN SEMI	NAR.				
	45032	CONF	ARI					STAFF
		COL	JRSES FOR .	ADVANCED	UNDERGRADU	JATES		
HORT	PREREQUI STUDENTS HEAD OF REQUIRED SPECIAL 1 TO 5 H WORK MAY A B	DEPARTMENT. IN ADVANCE	UM GRADE (ON, SENIO) SPECIFIC OF REGIS OURSE. IN THE FOLI	R STANDING APPROVATION F  LOWING SUSTEMBLE SIMONS ARNOLD SPLITT BEEVER GARTNE	G, CONSENT L OF THE A OR A SECON BJECTS: , TITUS, 2 , HOPEN, M STOESSER,	YCH THOMPS CULBE NELSO	STRUCTOR AND ATE DEAN YOR A THIRD  JM, SON, VANDEMARK ERT, FOSLER	
	*SECTION MINIMUM WITH OTH INSTRUCT	GRADE POINT IER COURSES OR.	TO JAMES AVERAGE ( IN THIS DE	OF 4.0 AN EPARTMENT	AND OTHER	AKEN I	NTS HAVING A IN CONJUNCTION ROVAL OF	
	45040 4505 <b>7</b>		A ARF					STAFF
HORT		E GROUNDS F SITE: L. A.				IR .		
	45064	L ECT L AB		1 10-12	TU TH TU TH		FLOR BEV HALL	NELSON

1 M F 103 FLOR A 1+3 W 101 FLOR B 2-4 F 101 FLOR

MEYER

HCRT	PREREQU	ORAL DECORAT		IDING.				
	3 HOURS 45107		Α	9	TU	103	FLOR	CUL B ER T
	45114	LECT	В	9	TH	103	FLOR	
	45121	LAB	Α	10-12	M W	101		
	45139	LAB	В	10-12	TU TH	101	FLOR	
	45146 45153		C D	3-5 3-5	M W TU TH	101	FLOR FLOR	
	12233					101	. 2011	
HORT	NOT OPE	ORICULTURE N N TO STUDENT	OR THE	HOME. HE ORNAMEN	TAL HORTICU	LTURE	CURRICULUM.	
	3 HOURS 45161	LECT		10	M W F	103	FLOR	FOSLER
HORT		BORICULTURE: ISITE: AGROM						
	45178	LECT-DISC		1-3	TU TH	103	FLOR	GARTNER
		COURSES	FOR A	DVANCED UN	DER GRADUA TE	S AND	GRADUATES	
HORT	PREREQU	ORICULTURAL ISITE: BOT.	330 AN	LOGY. ID 335 OR E	QUIVALENT,	AND ON	E SEMESTER	
		NIC CHEMISTE OR I UNIT						
	45185	LECT-DISC		2	M W F	103	FLOR	BEEVERS
				1	F	101	FLOR	
HORT	323 PR	INCIPLES OF	DIANT	BREEDING				
HUKT	SA PREREQU 4 HOURS	ME AS AGRON. ISITE: BOT. OR 1 UNIT	323. 100, A	GRON. 110		ENT.		
	45192	RIPESTIMAT LECT-DISC			* M W_F	w115	т н	HADLEY AND
		LAB		1-3	TH	W121	ŤН	THOMPSON
HORT	340 IN	TRODUCTION 1	O APPL	IED STATIS	TICS.			
	SA	ME AS AG. E. M. S. 340.				S. FOR	., AND	
		ISITE: MATH. OR 3/4 UNII		R 112 OR 1	04, OR EQUI	VALENT	•	
	45203	LECT		9	TU TH	W109		SEIF
	45211	LAB-DISC	1	1-3	TU	W223	TH	
	45228 45235	LAB-DISC LAB-DISC LAB-DISC	2	3-5 1-3	TU W	W223 W223	T H T H	
	45242	LAB-DISC	4	3-5	W	W223	T H	
HORT		DIVIDUAL AND				ES.		,
	PRERECH	ME AS ENTOM	SEMESTE	R OF ENTON	OLOGY OP 70	nni nav.		
	ONE OR	ISITE: ONE S	IELD T	RIPS.	02001 OK 20	00000		
	2 HOURS	OR 1/2 UNI1	r					
	45250	LECT-DISC		1	TU TH	W115	TH	JAYCOX
			С	OURSES FOR	GRADUATES			
HORT					HOR TICULTUR	E OR A	LLIED FIELDS.	
		LECT-DISC		4	W	W115	ТН	STAFF
HORT		ECIAL TOPICS						
							HORTICULTURE	
	1/2 TO	IED SUBJECTS 2 UNITS	FUK A	MAJUK AND	IMELVE HOU	KS FUR	A MINUK.	
	45274	CONF		ARR				STAFF

THESIS RESEARCH. HORT 499

REQUIRED FOR MAJOR IN HORTICULTURE.

PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE
AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR.

O TO 4 UNITS

WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

A--ORNAMENTAL BEEVERS, BUTL

HODGES. MEYER

HORTICULTURE B--FRUIT BREEDING C-- POMOLOGY D--VEGETABLE CROPS

BEEVERS, BUTLER, CULBERT, GARTNER, HODGES, MEYER, BIRKELAND, DAYTON

JAYCOX, SIMONS, TITUS, ZYCH ANOLO, DICKINSON, HOPEN, MCCOLLUM, RHODES, SPLITTSTOESSER, THOMPSON, VANDEMARK

CONF ARR 45281

STAFF

BR AN DA BUR

AR AN DARUR

COHEN

# HUMANITIES

# COURSES FOR UNDERGRADUATES

THE HUMANITIES IN WESTERN CULTURE, I.

PREREQUISITE: SOPHOMORE STANDING OR JAMES SCHOLAR FRESHMAN, OR HUMAN 151 FRESHMAN STANDING WITH EXEMPTION FROM RHET. 101. 4 HOURS

ADMIN 45299 LECT-DISC Δ 8-10 240 TU TH LECT-DISC 8-10 ADMIN 45300 B W F 240 LECT-DISC LECT-DISC 10-12 45317 C 240 ADMIN 2-4 TU TH 45324 D 240 ADMIN LECT-DISC E 10-12 M W M W ADMIN 45331 240 240 ADMIN 45349 2-4

### COURSES FOR ADVANCED UNDERGRADUATES

I INTRODUCTION TO THE OLD TESTAMENT.
OPEN TO SOPHOMORES IN GOOD STANDING. 3 HOURS

45356 LECT-DISC A M W F 101 ARMORY MARBLESTONE

HUMAN 208 THE DEAD SEA SCROLLS. PREREQUISITE: HUMAN. 201 OR 202. 3 HOURS

45363 LECT-DISC A 1.1 M W F 430 ARMORY ROBBINS

1 THE GROWTH OF AMERICAN CULTURE, I. PREREQUISITE: JUNIOR STANDING. HUMAN 211

4 HOURS 45371 LECT-DISC A 4

MITHWITH 62 K M CARRINGER BELTING AND MORGAN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HUMAN 363 INTRODUCTION TO COMPARATIVE LITERATURE, I.

SAME AS C. LIT. 363. 3 HOURS OR 3/4 UNIT

45388 LECT-DISC D LECT-DISC F 11 TU TH 304 L H 304 L H SMALLEY SMALLEY 45395 2 TU TH

### INDONESIAN

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

### COURSES FOR ADVANCED UNDERGRADUATES

INDON 201 ELEMENTARY INDONESIAN, I.

ALL STUDENTS ARE REGUIRED TO REGISTER FOR ONE HOUR OF WORK
WEEKLY IN THE LANGUAGE LABORATORY. NO CREDIT TOWARD GRADUATION IS GIVEN FOR INDON. 201 WITHOUT INDON. 202. 5 HOURS OPEN TO FRESHMEN.

ONE ADDITIONAL HOUR TO BE ARRANGED. LECT-DISC 405

KARTASASMITA 405

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

TU

INTERMEDIATE INDONESIAN, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK INDON 303 IN THE LANGUAGE LABORATORY. PREREQUISITE: INDON. 202 OR EQUIVALENT. 5 HOURS OR 1 UNIT \*TWO ADDITIONAL HOURS TO BE ARRANGED.

4 W F 45413 LECT-DISC **#**3 320 M H

KARTASASMIT,

## INDUSTRIAL ENGINEERING

DEPARTMENT OFFICE

144 M E B

## COURSES FOR UNDERGRADUATES

9 UNDEPGRACUATE OPEN SEMINAR. \*MAY BE REPEATED. #0 TO 9 HOURS 45421 CONF ARP

## COURSES FOR ADVANCED UNDERGRADUATES

LABOR RELATIONS. PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR CONSENT OF I F INSTRUCTOR. 3 HOURS LECT-DISC C 10 M W F 235 M E B 45438

2 METHODS - TIME ANALYSIS.
PREREQUISITE: M. E. 185, OR EQUIVALENT; JUNIOR STANDING. 3 HOURS LAB-DISC E 1-3 M W

MANUFACTURING ORGANIZATION AND OPERATION. PREREQUISITE: JUNIOR STANDING IN ENGINEERING.

3 HOURS 45452 LECT-DISC D 1.1 M W F 253 M E B

PROCESS PLANNING AND ECONOMY IN MANUFACTURING. PREREQUISITE: M. E. 185 OR EQUIVALENT: SENIOR STANDING IN ENGINEERING. 3 HOURS 45460 LECT P

TJ TH 135 M E B 135 M E B 45477 LAB 9-12 45484 LAB 0 TU

OPERATIONS ANALYSIS. PREREQUISITE: I. E. 232 AND MATH 263, OR CONSENT OF INSTRUCTOR. 3 HOURS LECT-DISC B 9 4 W F 243 M E B 45491

288 INDUSTRIAL SYSTEMS ANALYSIS AND DESIGN. 1 8 PREREQUISITE: CREDIT OR REGISTRATION IN I. E. 282 AND 286. 3 HOURS M TH 243 M E B 243 M E B 45502 2-5 LAB CQ3 I E 290 SENIOR PROJECT LABORATORY. PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING. 2 HOURS ARR 45510 SEMINAR.

PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, MUST BE TAKEN FIRST SEMESTER OF SENIOR YEAR. I E 291 O CREDIT 45527 LECT H 4 M 253 M E B S SPECIAL PROJECTS.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, CONSENT OF 1 E 293 HEAD OF DEPARTMENT. 3 HOURS Z ARR 45534 CONE 96 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR. I E 296 1 TO 4 HOURS & Z 45541 CONE ARR COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 305 PRINCIPLES OF ERGONOMICS. 1 6 SAME AS PHYSL. 305.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. PREREQUISITE: SERVE 4 HOURS OR 1 UNIT 45559 LECT HERTIG. MITUWITH 253 M E B JOHNSON AND OTHERS 1 E STANDARD TIME SYSTEMS. PREREQUISITE: I. E. 232.
3 HOURS, OR 3/4 OR 1 UNIT 8-10 TU TH 235 M E B PIGAGE 333 ENGINEERING APPLICATIONS OF STATISTICS. I E PREREQUISITE: MATH. 263 OR MATH. 363.
3 HOURS, OR 3/4 OR 1 UNIT
5573 LECT-DISC 3 45573 M W F 243 M E B HENRY NUMERICAL CONTROL OF MANUFACTURING PROCESSES.

PREREQUISITE: M. E. 185 OR CONSENT OF INSTRUCTOR; BACKGROUND IN COMPUTER TECHNOLOGY.

3 HOURS, OR 3/4 TO 1 UNIT

5881 LECT-DISC F 2 M W F 135 M E B IE 355 DOYLE 45581 I E SAFETY ENGINEERING. PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT 598 LECT-DISC 8 M W E 218 M E B I E INDUSTRIAL FIRE PROTECTION.

PREREQUISITE: CREDIT OR REGISTRATION IN I. E. 357 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT 11 M W F 45609 HARPER 235 M E B I E INDUSTRIAL ENGINEERING ANALYSIS. PREREQUISITE: MATH. 263 AND I. E. 286, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT

5616 LECT-DISC 11 M W F 243 M E B M W F 243 M E B 45616

### COURSES FOR GRADUATES

I E 401 SCIENTIFIC MANAGEMENT, I.

SAME AS B. ADM. 401.
PREREQUISITE: I. E. 386 AND MATH. 361, OR CONSENT OF INSTRUCTOR.

1 UNIT 45623

LECT-DISC

THE TH 3-5

136 M F B

WALL HALLS

1 5 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, 1. 416

SAME AS C. E. 416.

PREREQUISITE: B. S. IN CIVIL ENGINEERING OR INDUSTRIAL ENGINEERING;

CREDIT OR REGISTRATION IN MATH. 363, OR CONSENT OF INSTRUCTOR.

1 UNIT 45631

LECT-DISC LM

8-920 TU TH 243 M E B

DESSOUKY

PIGAGE

WORK-MEASUREMENT.

PREREQUISITE: I. E. 332.

1 UNIT

LECT-DISC

ARR

LABORATORY INVESTIGATIONS IN INDUSTRIAL ENGINEERING. T E 458

1/2 TO 1 1/2 UNITS

CONF 45655

ARR

DESSOUKY, DOYLE, DUNCA HARPER, HENR PIGAGE

1 F 473 ERGONOMICS SEMINAR.

SAME AS PHYSL. 473.
PREREQUISITE: GRADUATE STANDING; I. E./PHYSL. 306; OR CONSENT OF INSTRUCTOR.

1/2 UNIT

45662 DISC 3-5

TH 136 BUR HALL HERTIG

TTAL TAN

DEPARTMENT DESICE

224 L H

MAJOR: TWENTY HOURS IN ITALIAN, EXCLUDING ITALIAN 101 AND 102, AND INCLUDING AT LEAST FIVE HOURS FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES, LINGUISTICS 300 AND ITALIAN 291 AND 292 ARE ACCEPTABLE.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: SUBJECTS, WITH ATTEMAT EIGHT HOURS THE EACH TWO ARE CHOSEN.

GREEK, HISTORY, LATIN, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION

STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, AND SPANISH.

# COURSES FOR UNDERGRADUATES

ELEMENTARY ITALIAN, I. ITAL

\*NO CREDIT TOWARD GRADUATION IS GIVEN FOR ITAL. 101 WITHOUT ITAL. 102.

\*4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
LABORATORY SECTIONS M3-M27.

45670	FFC1-DI2C	A	8	IUWIHE	TOR	L H
45687	LECT-DISC	D	11	TUWTHE	154	ADMIN
45694	LECT-DISC	X	12	MTUWTH	108	L H
45705	LECT-DISC	E	1	MTUWTH	154	ADMIN
45712	LAB	W 3	8	₩	202	L H
45720	LAB	W 5	9	N	202	L H
45737	LAB	₩ 7	10	W	202	L H
45744	LAB	W 9	11	W	202	L H
45751	LAB	W11	12	W	202	LH

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ITAL
     101 CONTINUED
       45769 LAB
45776 LAB
                              W13
                                       1
                                                            202
                                                                L H
                              W15
                                       2
                                                            202
                                                                LH
       45783
                  LAB
                              W17
                                       3
                                                            202
                                                                L H
       45791
                  LAB
                              W19
                                       4
                                                            202
                                                                L
       45801
                                                            202
                  LAB
                              W21
                                                                L H
                  LAB
                              W25
                                       7PM
                                                            202
       45819
                                                   W
                                                                1.
       45826
                              W27
                                       8PM
                                                            202
                  LAB
                                                                 LH
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ITAL 102 ELEMENTARY ITALIAN, II.

PREREQUISITE: ITAL. 101 OR ONE YEAR OF HIGH SCHOOL ITALIAN.
4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

LABORAT	ORY SECTIONS	W3-W2	7.				
45833	LECT-DISC	C	10	TUWTHE	4	G	Н
45841	LECT-DISC	X	12	MTUWTH	118	L	Н
45858	LAB	W 3	8	W	202	L	Н
45865	LAB	W 5	9	W	202	L	Н
45872	LAB	W 7	10	W	202	L	Н
45880	LAB	W 9	11	W	202	L	Н
45897	LAB	W11	12	W	202	L	Н
45908	LAB	W13	1	W	202	L	Н
45915	LAB	W15	2	W	202	L	Н
45922	LAB	W17	3	H	202	L	Н
45930	LAB	W19	4	W	202	L	Н
45947	LAB	W21	5	W	202	L	Н
45954	LAB	W25	7 P M	W	202	L	Н
45961	LAB	W27	8 P M	W	202	L	Н

ITAL 103 INTERMEDIATE ITALIAN, I.

PREREQUISITE: ITAL. 102 OR TWO YEARS OF HIGH SCHOOL ITALIAN.
4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

LABORATO	RY SECTIONS	W3-W2	2.			
45979	LECT-DISC	C	10	TUWTHE	217	GH
45986	LECT-DISC	E	1	MTUWTH	4	G H
45993	LAB	W 3	8-830	W	202	L H
		W 3	8-830	F	210	L H
46006	LAB	W 4	830-9	W	202	LH
		W 4	830-9	F	210	L H
46013	LAB	W 5	9-930	W	202	Ł H
		W 5	9-930	F	210	L H
46021	LAB	W 6	930-10	M	202	LH
		W 6	930-10	F	210	L H
46038	LAB	W 7	10-1030	H	202	L H
		W 7	10-1030	F	210	Ł H
46045	LAB	W 8	1030-11	W	202	F H
		W 8	1030-11	F	210	L H
46052	LAB	W 9	11-1130	W	202	L H
		W 9	11-1130	F	210	LH
46060	LAB	W 10	1130-12	H	202	L H
		WIO	1130-12	F	210	L H
46077	LAB	W11	12-1230	W	202	L H
		W 1 1	12-1230	F	210	L H
46084	LAB	W12	1230-1	W	202	LH
		W12	1230-1	F	210	L H
46091	LAB	W13	1-130	W	202	LH
		W13	1-130	F	210	LH
46102	LAB	W14	130-2	M	202	LH
		W14	130-2	F	210	L H
46110	LAB	W15	2-230	W	202	-1 H
		W 15	2-230	F	210	L H
46127	LAB	W16	230-3	W	202	F H
		W16	230-3	F	210	LH
46134	LAB	W17	3-330	W	202	L H
		W17	3-330	F	210	L H
46141	LAB	W 18	330-4	W	202	LH
		W18	330-4	F	210	LH
46159	LAB	W19	4-430	H	202	LH
11111	1.40	W19	4-430	F	210	L H
46166	LAB	W20	430-5	W	202	LH
46173	LAB	W20	430-5	F	210	LH
40113	LAD	W21	5-530	W	202	L H
46181	LAB	W21	5-530 530-6	F	210	LH
40101	LAD	W22	530-6	W	202	LΗ
		W Z Z	250-6	F	210	L H

ITAL 104 INTERMEDIATE ITALIAN, II.

PREREQUISITE: ITAL. 103 OR THREE YEARS OF HIGH SCHOOL ITALIAN.

4 HOURS

46198 LECT-DISC X 12 MTUWTH 154 ADMIN

ITAL 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS

46209 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

ITAL 211 COMPOSITION AND CONVERSATION, I.
PRACTICE IN THE LANGUAGE LABORATORY IS REQUIRED.
PREPEQUISITE: ITAL. 104 OF CONSENT OF INSTRUCTOP. 3 HOURS

46216

LECT-DISC 11 MWF 176 LH

SENIOR THESIS.
FOR CANDIDATES FOR HONORS IN ITALIAN. ITAL 291 2 HOURS

46223 CONE &A ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ITAL 311 DANTE--LA DIVINA COMMEDIA. PREREQUISITE: ITAL . 101 AND 102. 2 HOURS OR 1/2 UNIT

LECT-DISC

TU TH 102 L H PIETRANGELI

HERSHBERG

MODERN ITALIAN LITERATURE. ITAL 321

PREREQUISITE: ITAL. 101 AND 102.
2 HOURS OR 1/2 UNIT
46248 LECT-DISC 11 TU TH 431 ARMORY

COURSES FOR GRADUATES

BEGINNING COURSE FOR GRADUATE STUDENTS. ITAL 400 4 HOURS 46255 LECT-DISC

TUWTHE 230 L H 46255

STORIA DELLA LETTERATURA ITALIANA, II.

PREREQUISITE: ITAL. 403. 1 UNIT

SECTION F WILL DEAL WITH ITALIAN POETRY FROM LEOPARDI TO MONTALE.

262 LECT-DISC F 2-4 F 230 L H MONTANO

ITALIAN LITERATURE OF THE RENAISSANCE. 1 UNIT

46270 LECT-DISC 9 M W 223 L H PIETRANGEL

ITAL 462 INTRODUCTION TO ROMANCE LINGUISTICS.
SAME AS LING., FR., SPAN. AND PORT. 462.

1/2 UNIT

46287 LECT-DISC TU TH 230 L H KAHANE

SPECIAL TOPICS IN ITALIAN. ITAL 491

1/2 OR 1 UNIT 6294 CONF

46294 STAFF

ITAL 499 THESIS RESEARCH.
0 TO 4 UNITS

CONF 46305 ARR

KAHANE MON PIETRANGEL

#### JAPANE SE

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

## COURSES FOR ADVANCED UNDERGRADUATES

ELEMENTARY JAPANESE, I.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR JAPAN. 201 WITHOUT JAPAN 201 JAPAN. 202.

5 HOURS

OPEN TO FRESHMEN. LECT-DISC 46312

2 MTUWTHE 136 ARMORY KINOSHITA

JAPAN 203

INTERMEDIATE JAPANESE, I.
PREREQUISITE: JAPAN. 202 OR EQUIVALENT.

5 HOURS

46320 LECT-DISC MTUWTHE 250 ARMORY

JAPANESE LITERATURE IN TRANSLATION, I. 3 HOURS

46337 LECT-DISC 94 COM W

EIDE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

JAPAN 301 INTENSIVE JAPANESE, I.

10 HOURS OR 2 UNITS 46344

3-5 MIUWIHE 24 COM W MAKINO

ADVANCED READINGS IN MODERN JAPANESE, I.
PREREQUISITE: JAPAN. 304 OR EQUIVALENT.
351 LECT-DISC ARR JAPAN 305

46351

JAPAN 320 READINGS IN CHINESE AND JAPANESE BUDDHIST TEXTS.

SAME AS CHIN. 320.
PREREQUISITE: JAPAN. 306 OR CHIN. 306, OR CONSENT OF INSTRUCTOR

3 HOURS OR 1 UNIT

LECT-DISC

1-230 TU TH

148 ARMORY

## JOURNAL TSM

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1204 G H

## COURSES FOR UNDERGRADUATES

JOURN 114 AGRICULTURAL JOURNALISM. SAME AS AGR. 114.

3 HUNBS

4	6376	LECT-DISC		10	TU	TH	313	M	H
4	6383	LAB	1	1		TH	442	M	Н
4	6391	LAB	2	2		TH	442	М	Н
4	6401	LAB	3	3		TH	442	M	Н

EVANS

## COURSES FOR ADVANCED UNDERGRADUATES

TYPOGRAPHY. JOURN 204

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.

3 HOURS

40413	E L C I	3	4	10 111	613	G	
46426	LAB	E	1-3	₩	31	G	Н
46433	LAB	G	3-5	M	31	G	Н
46441	LAB	T1	3-5	TU	31	G	Н
46458	LAB	T2	3-5	TH	31	G	Н
46465	LAB	Z 2	7-9PM	W	31	G	Н
46472	LAB	C	10-12	F	31	G	Н

HANSON

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JOURN 211
              NEWSWRITING.
         PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
         CONSENT OF THE COLLEGE.
         3 HOURS
       46480
                   LECT
                              D
                                                             223
                                                                  GH
                                                                                  HILDWEIN
                                       11
                                        8-10
       46497
                  LAB
                              Α
                                                             25
                                                                  GH
                                                                                  AND STAFF
                                       10-12
                                                 М
                                                             25
       46508
                  1 AB
                              C.
                                                    W
                                                                  GH
                                        1-3
       46515
                  I AB
                                                             25
                                                                  G H
                              Е
                                                   W
                  I AB
                                        3-5
                                                 М
       46522
                                                             25
                                                                  G H
                              G
                                                 TU TH
       46530
                  LAB
                              L
                                        8-10
                                                             25
                                                                  G
       46547
                   FAR
                              N
                                       10-12
                                                  TU TH
                                                             25
                                                                  GH
       46554
                  LAB
                              5
                                        1-3
                                                  TU TH
                                                             25
                                                                  G H
       46561
                  LAB
                                        3-5
                                                 TU TH
                                                             25
             PUBLIC AFFAIRS REPORTING.
JOURN 212
         PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF
         COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
         3 HOURS
         *SIX ADDITIONAL HOURS TO BE ARRANGED.
               LECT-DISC N
       46579
                                      *10
                                                 TU TH
                                                            113 G H
                                                                                  7 I F F
       46586
                  LECT-DISC
                              Ω
                                      *11
                                                                                 ERICKSON
                                                  TU TH
                                                              1
              CONTEMPORARY AFFAIRS.
JOURN 215
         PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF
         COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
         2 HOURS
       46593
                   LEC T-DISC
                                                  TU TH
                                                            113
                                                                 G H
                  LECT-DISC S
       46604
                                                 TU TH
                                                              1
JOURN 217
              HISTORY OF COMMUNICATIONS.
         SAME AS COMM. 217.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
         CONSENT OF THE COLLEGE.
         3 HOURS
       46611
                   LECT-DISC
                                        9
                                                            215 G H
                                                                                 ERICKSON
                  LECT-DISC
                                                  TU
                                                                 G H
                                                                                 KNIGHTS
       46629
                              T
                                        3
                                                            215
                                        3-5
                                                            215
                               T
                                                                  G H
JOURN 220
               PROCESSES AND SYSTEMS OF COMMUNICATION.
         SAME AS COMM. 220.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
         CONSENT OF THE COLLEGE.
         3 HOURS
         *SECTIONS B1 AND G1 ARE FOR STUDENTS IN THE COLLEGE OF
         COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS
                     ART-GRAPHIC DESIGN MAJORS SEE COMMUNICATIONS 220.
         B2 AND G2.
                 LECT-DISC *B1
       46636
                                      10
                                                            113 G H
                                                                                  KREILING
                   LECT-DISC *B2
                                       10
                                                 М
                                                             113
                                                                  GH
       46643
                  LECT-DISC *G1
                                                 М
                                                             113
                                                                  G H
                                                                                  CAREY
       46651
                                        3
                  LECT-DISC *G2
                                                             113
       46668
                                        3
             PHOTO-JOURNALISM.
JOURN 223
         COST OF MATERIALS APPROXIMATELY $15 PER STUDENT. CAMERAS ARE
         PROVIDED BY THE COLLEGE.

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS AND
         CONSENT OF INSTRUCTOR.
         3 HOURS
         *LECTURE-DISCUSSION B1 AND LABS R1 AND S1 ARE FOR STUDENTS IN THE
         COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE-DISCUSSION B2 AND LAB R2 OR S2.
                  LECT-DISC *B1
                                        9
                                                       c
                                                                                  HILDWEIN
       46675
                                                              25
                   LECT-DISC *B2
       46682
                                                       F
                                                              25
                                        1-5
       46690
                   LAB
                             *R1
                                                  TU
                                                              13
       46701
                   LAB
                             *R2
                                        1-5
                                                             13
                                                                  GH
                                                  TU
                             *S1
                                        1-5
                                                     TH
                                                             13
                                                                  G H
       46718
                   LAB
       46725
                   LAB
                             *52
                                        1-5
                                                     TH
                                                              13
              MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
JOURN 231
               SAME AS COMM. 231.
         PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
         CONSENT OF THE COLLEGE.
         3 HOURS
         *SECTIONS DI AND EL ARE FOR STUDENTS IN THE COLLEGE OF
         COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2
         AND E2.
                                                       F
                                                                 GH
                                                                                  PETERSON
       46732
                   LECT-DISC *D1
                                       11
                                                             123
                   LECT-DISC *D2
       46740
                                       11
                                                       F
                                                             123 G H
                   LECT-DISC *E1
                                                 М
                                                       E
                                                             123
                                                                                  GUBACK
       46757
                                                                  GH
       46764
                  LECT-DISC #E2
                                                       F
                                                             123
```

JOURN 241 LAW AND COMMUNICATIONS. SAME AS COMM. 241.

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE. 3 HOURS 46771 LECT-DISC 2 M W F 215 G H ALFELD SOCIAL ASPECTS OF MASS COMMUNICATIONS. JOURN 251 SAME AS COMM. AND SOC. 251.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE. 3 HOURS LECT-DISC C M W F 215 G H 215 G H 46789 10 GUBACK KREILING 46796 91 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. JOURN 291 2 OR 3 HOURS CONE STAFF 46807 ARR COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES JOURN 308 HIGH SCHOOL JOURNALISM. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT 10 M W F LECT-DISC C 1 G H 46814 GILMORE NEWS EDITING. PREREQUISITE: CREDIT OR REGISTRATION IN JOURN. 204 AND 212; REGISTRATION IN THE COLLEGE OF COMMUNICATIONS: OR CONSENT OF THE COLLEGE. 4 HOURS OR 1 UNIT 46821 LECT Р 1.1 TU TH 215 G H SCHACHT 8-11 M W 1-4 M W C 229 46839 I AB G H 1-4 46846 LAB F 229 G H TU TH 1-4 46853 LAB R 229 G H ADVANCED REPORTING.
PREREQUISITE: JOURN 211 AND 212; REGISTRATION IN THE COLLEGE OF JOURN 323 PREREQUISITE: JUDAN EIT AND EIT, RESISTANT OF CONMUNITION OF CONCENT OF THE COLLEGE.

3 HOURS OR 1/2 UNIT

\*SIX ADDITIONAL HOURS TO BE ARRANGED.

1861 LECT-DISC \*3 TU TH 113 G H 46861 ZIFF MAGAZINE ARTICLE WRITING.

PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE COLLEGE. JOURN 326 3 HOURS OR 1/2 UNIT

\*SECTION E1 IS FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS
ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION E2.

46878 LECT-DISC \*E1 1 M W F 113 G H

46885 LECT-DISC \*E2 1 M W F 113 G H SCHACHT SPECIAL TOPICS IN TWENTIETH CENTURY JOURNALISM. JOURN 327 PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE COLLEGE. 2 HOURS OR 1/2 UNIT 46892 LECT-DISC THE RHETORIC OF JOURNALISM.

PREREQUISITE: JOURN. 211 OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT 46903 LECT-DISC a 113 G H SCHACHT TU TH COURSES FOR GRADUATES JOURN 468 THE POLITICAL ECONOMY OF COMMUNICATIONS. SAME AS COMM. 468.

SAME AS COMM. 468.

PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.

1 UNIT

46911 LECT-DISC 10-12 TU 123 G H GUBACO

JOURN 470 COMMUNICATIONS AND POPULAR CULTURE.
SAME AS COMM. 470.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 46928 3-5 123 G H KREILING JOURN 471 PRO-SEMINAR IN COMMUNICATIONS, I. SAME AS COMM. 471.

PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 46935 LECT-DISC 1-3 TH 123 G H CAREY HISTORY AND THEORY OF FREEDOM OF THE PRESS. JOURN 473 SAME AS COMM. 473. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 10-12 46942 LECT-DISC TH 123 G H **JENSEN** JOURN 474 COMMUNICATIONS SYSTEMS. SAME AS COMM. 474. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 46950 LECT-DISC 3-5 TH 123 G H SCHILLER JOURN 490 SPECIAL TOPICS IN JOURNALISM.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 1/2 OR 1 UNIT \*SECTION A TOPIC: READINGS IN POPULAR CULTURE. \*SECTION B TOPIC: HISTORY OF COMMUNICATIONS. 46967 CONF 46974 CONF \*A 46981 CONF \*B ARR JENSEN & ST TH 123 G H 123 G H 7-9PM CAREY 730-930PM TU KNIGHTS JOURN 492 RESEARCH METHODS IN COMMUNICATIONS. SAME AS COMM. 492. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT \*ONE ADDITIONAL HOUR TO BE ARRANGED. 46999 LECT-DISC 18 G H **\*3-5** WIGGINS

THESIS RESEARCH. PREREQUISITE: GRADUATE STANDING IN JOURNALISM. 1 TO 2 UNITS

47001 CONF ARR

STAFF

KOREAN

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COURSES FOR ADVANCED UNDERGRADUATES

KOREA 201 ELEMENTARY KOREAN, I. 5 HOURS

47019 LECT-DISC ARR KIM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

3 INTERMECIATE KOREAN, I.
PREREQUISITE: KOREAN 202 OR EQUIVALENT.
5 HOURS OR 1 UNIT

47026 LECT-DISC KIM

# LABOR AND INDUSTRIAL RELATIONS

DEPARTMENT OFFICE

504 E ARMORY. C.

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

\_ I R 318 INDUSTRY AND SOCIETY. SAME AS SOC. 318.

PREREQUISITE: SIX HOURS OF SOCIOLOGY INCLUDING ONE OF THE FOLLOWING: SOC. 218, 223, 300, 322, 326, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION A1 IS FOR LABOR AND INDUSTRIAL RELATIONS MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. SOCIDLOGY MAJORS SEE SOCIOLOGY 318. 7033 LECT-DISC \*A1 1030-12 TU TH 300 L H 7041 LECT-DISC \*A2 1030-12 TU TH 300 L H 47033

KARSH KARSH 47041

INDUSTRIAL SOCIAL SYSTEMS, I. L I R 321 SAME AS B. ADM. 321.
PREREQUISITE: I. ADM. 210; PSYCH. 100; PSYCH. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT
058 LECT-DISC B

47058 M W F 243 COM W

L I R 343 UNIONS, BARGAINING, AND PUBLIC POLICY. SAME AS ECON. 343.
PREREQUISITE: ECON. 103 OR 108.

3 HOURS, OR 1/2 OR 1 UNIT PARRISH 47065 MWF 307 DKH 1.1

L I R 355 INDUSTRIAL SOCIAL PSYCHOLOGY. SAME AS PSYCH. 355.

PREREQUISITE: PSYCH. 201 OR 357.

3 HOURS, OR 1/2 OR 1 UNIT
7072 LECT 11

32 PSYCH BLDG M W F GRAEN 47072

L I R 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT. PREREQUISITE: PSYCH. 160 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT
+7080 LECT 11-1220 TO

11-1220 TU TH 29 PSYCH BLDG

DEMPLOYEE BENEFIT PLANS.
SAME AS FIN. 360.
PREREQUISITE: FIN. 260, ECON. 240, OR I. ADM. 351; OR L I R 360 CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 TO 1 UNIT
7097 LECT-DISC N

10-12 TU 226 COM W 10 TH 226 COM W 47097 N

## COURSES FOR GRADUATES

L I R 435 MOTIVATION AND MORALE IN INDUSTRY.

SAME AS PSYCH. 435.
PREREQUISITE: FOUR UNITS OF GRADUATE CREDIT IN PSYCHOLOGY, OR CONSENT OF INSTRUCTOR. 1 UNIT

47108 21 PSYCH BLDG HULIN LECT

L I R 440 LABOR ECONOMICS.

SAME AS ECON. 440.

PREREQUISITE: ECON. 300 AND 301.

1 UNIT

47115 1 FCT-DISC R 1-3 TH 11 COM W HARTMAN

L I R 442 COLLECTIVE BARGAINING.

SAME AS ECON. 442.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT

47122 LECT-DISC C 43 L I R WAGNER 10-12

L I R 444 ECONOMICS OF MANPOWER RESOURCES. SAME AS ECON. 444.
PREREQUISITE: CONSENT OF INSTRUCTOR. \*GRADUATE CREDIT IS NOT GIVEN FOR BOTH ECON. 345 AND ECON./L. I. R. 444. \*1 UNIT 47130 LECT-DISĆ G 3-5 11 COM W PARRISH FOREIGN AND INTERNATIONAL LABOR MOVEMENTS.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 47147 LECT-DISC 10-12 TH 43 LIR L I R 447 LABOR UNION ORGANIZATION AND ADMINISTRATION. SAME AS ECON. 447.

PREREQUISITE: MAJOR IN SOCIAL SCIENCES OR CONSENT OF INSTRUCTOR. 1 UNIT 10-12 W 47154 LECT-DISC 43 L I R GARMAN 0 TO 2 UNITS 47161 CONF 7179 CONF INDIVIDUAL TOPICS. ARR ARR В L I R 492 RESEARCH SEMINAR IN LABOR AND INDUSTRIAL RELATIONS. PREREQUISITE: MAJOR IN SOCIAL SCIENCES OR CONSENT OF INSTRUCTOR. 1 UNIT 47186 10-12 3-5 TU LECT-DISC A LECT-DISC B F 43 L I R 43 L I R 47193 THE MAJOR THEORISTS OF INDUSTRIAL RELATIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR. L I R 494 1 UNIT 47204 LECT-DISC 3-5 TH 43 LIR L I R 496 THE EVOLUTION OF LABOR-MANAGEMENT RELATIONS IN AMERICA.

PREREQUISITE: GRADUATE STANDING IN LABOR AND INDUSTRIAL RELATIONS
OR CONSENT OF INSTRUCTOR. 1 UNIT 47211 LECT-DISC 3-5 43 L I R GREEN 8 ANALYSIS OF DRGANIZATIONS IN INDUSTRIAL RELATIONS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 1-3 M 47229 43 L I R KIMBERLY L I R 499 THESIS RESEARCH.
0 TO 4 UNITS

CONF 47236

ARR

# LANDSCAPE ARCHITECTURE

DEPARTMENT OFFICE 205 M H

# COURSES FOR UNDERGRADUATES

L	Α	101 INT 2 HOURS	RODUCTION T	O LANDSC	APE ARCHI	TEC	TURI	Е.					
		47243	LEC T		3	T	J T	Н	153	Α	S L		HAZLETT
L	Δ	4 110110 6	DSCAPE DESI										
		47251	LECT-DISC		1	М	W	F	153	Α	S L		HOLADAY
		47268	LAB	Α	8-10 7-PM	M	W	F	214	M	Н		
		47275	LECT-DISC LAB	c	10-12	М	W	F	214	М	Н		
				C	7-PM		W		214	М	Н		
L	Α	141 LAN 3 HOURS	DFORM DESIG										
		47282	LECT-DISC		2	Ţ	J TI	Н	153	Α	SL		ZOLOMIJ
		47290	LECT-DISC LAB LAB	A C	8-10 10-12	TI	J TI J Ti	H \$ H S	214	M	H		
		11301											
L	Δ	PREREQUI	NT MATERIAL SITE: BIOL.	S . I . 100 OR	CONSENT O	F II	N S T F	R UC TO	₹.				
		3 HOURS 47318	LECT		3	М	W	F	153	Α	SL		STAFF
			LAB		3	М	W	F	153	Α	SL		
L	Д	181 VIS	UAL COMMUNI	CATIONS,	1.								
		PREREQUI 2 HOURS	SITE: ARCH.	171 AND	172.								
		47325			3-5	М	W	F	214	М	Н		STAFF
L	А	*MAY BE	ERGRADUATE REPEATED.	OPEN SEM	INAR.								
		*0 TO 9 47332		А	RR								STAFF
			COU	RSES FOR	ADVANCED	UNI	DER	GR ADU	ATES				
	Δ	200 FIE	IO TOID										
L	-	PREREQUI OR CONSE O CREDIT	SITE: JUNIO NT OF INSTR	UCTOR.		ING	ΙN	LAND	SCAPE	AR	CHI	TECTURE	
		47340	LAB	A	RR								STAFF
L	А	214 HIS	TORY OF LAN	DSCAPE A	RCHITECTU	RE.							
		3 HOURS 47357	LECT		10	М	W	F	153	Α	St	-	HARKNESS
L	A	2 HOURS	NCIPLES OF	PARK DES	IGN.								
		47364	LECT		11	М	W		153	Α	SL		RUTLEDGE
L	Δ		REATION LAN	D DESIGN 134 OR	CONSENT O	F II	NST	RUCTO	۲.				
		4 HOURS	LAB-DISC							м	н		ZOLOMIJ
		41311	LAD DISC		0 12	179	**		2003	1-1			2020113
L	Δ	PREREQUI	E ENGINEERI SITE: L. A.		141.								
		3 HOURS 47389	LAB-DISC		8-12	Т	U T	Н	2005	М	Н		HAZLETT
L	Α	253 PLA PREREQUI 3 HOURS	NTING DESIG	N, I. 151 OR	152.								
		47396	LAB-DISC		1-5	T	U T	Н	200N	М	Н		KEITH

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

337 REGIONAL LANDSCAPE DESIGN. ( A PREREQUISITE: L. A. 236 OR CONSENT OF INSTRUCTOR.
5 HOURS, OR 1 TO 1 1/2 UNITS
7407 LAB-DISC 1-5 M W F 20

200N M H

WALKER

## COURSES FOR GRADUATES

437 REGIONAL LANDSCAPE DESIGN. LA 1 LINETT

> M W F 105 MUM HOUSE 47414 LAB 1-5 WALKER

DEVELOPMENT OF LANDSCAPE ARCHITECTURAL THOUGHT.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 UNIT 47421 LECT-DISC 8-10 TU 210 M H RUTLEDGE

490

SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 TO 1 UNIT 47439 CONF

ARR STAFF

499 THESIS RESEARCH. 0 TO 1 1/2 UNITS 47446 CONF LA

47446 ARR STAFF

SCANI AN SCANLAN PARKER

### LATIN

## DEPARTMENT OFFICE

361 L H

MAJOR: TWENTY HOURS, EXCLUDING LATIN 101, 102, AND 103, AND INCLUDING SIX HOURS IN TRANSLATION COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE. SEE ALSO THE SPECIALIZED CURRICULUM PREPARATORY TO THE TEACHING OF LATIN.

MINORS: TWENTY HOURS IN ONE OR THO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (GREEK BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

## COURSES FOR UNDERGRADUATES

LAT

ELEMENTARY LATIN, I.
\*NO CREDIT TOWARD GRADUATION IS GIVEN FOR LAT. 101 WITHOUT LAT. 102.

\*4 HOURS

47453	LECT-DISC	A	10	MIUWIH	362	E H
47461	LECT-DISC	8	12	MTUWTH	362	L H
47478	LECT-DISC	C	10	MTUWTHE	301	ARCH
47485	LAB-DISC	Cl	10	TU TH	209	DKH
47492	LAB-DISC	C2	10	TU TH	394	L H
47503	LAB-DISC	C3	10	TU TH	433	ARMORY
47511	LA8-DISC	C 4	10	TU TH	388	L H
47528	LAB-DISC	C5	10	TU TH	116	L H
47535	LAB-DISC	C6	10	TU TH	336	L H
47542	LAB-DISC	C7	10	TU TH	270	LH

LAT 102

ELEMENTARY LATIN, II.
PREREQUISITE: LAT. 101 OR ONE YEAR OF HIGH SCHOOL LATIN. 4 HOURS

\*SECTION A IS LIMITED TO STUDENTS HAVING TAKEN 1014 IN THE SPRING.

LECT-DISC \*A 12 LECT-DISC B 12 LECT-DISC C 1 MTUWTH 240 ADMIN MTUWTH 430 ARMORY 47574 47550 47567 MTUWTH 240 ADMIN

AT	PREREQUI 4 HOURS		102 OR 1		OF HIGH SCHO			
	*SECTION THE SPRI		ARE LIMIT	TED TO STU	DENTS HAVING	G TAKEN 102	CIN	
	47581	LECT-DISC		11	MTUWTH MTUWTH	433 ARMOR 209 D K H	Υ	
	47599 47600	LECT-DISC	C	12	MTUWTH	430 ARMOR		
	47617	LECT-DISC	*D	11	MTUWTH	301 ARCH 236 L H		
	47624	LECT-DISC	* E	12	MIUNIN	230 L H		
ΑT		RODUCTION T	TO VERGIL	HREE YEAR	S OF HIGH SO	CHOOL LATIN	•	
	4 HOURS 47631	LECT-DISC	A	12	MTUWTH	433 ARMOR		
	47649		В	1 2	M TUWTH M TUWTH	433 ARMOR 433 ARMOR	Y	ALLEN
	47656	LECT-DISC	C	2	MIUMIN	455 ARMUR	*	
AT	113 LAT THIS COU TEACH LA		TION, I.	E REQUIRE	D OF ALL ST	UDENTS WHO	PLAN TO	
	PREREQUI	SITE: CREDI	T OR REC	GISTRATION	IN LAT. 10	3, OR THREE	YEARS OF	
	47663	LECT-DISC	Α	9	TU TH	394 L H		SCANLAN
			JRSES FOR	ADVANCED	UNDERGRADUA	ATES		
	201 CUB	VEY OF LATE		TUDE				
ΑT	PREREQUI 3 HOURS	SITE: LAT.	105 OR F	OUR YEARS	OF HIGH SCH			
	47671 47688	LECT-DISC	A B	10	MWF	430 ARMOR 394 L H	Υ	TAYLOR
		200.000						
AT	PREREQUI	ERATURE OF	THE REPU	BLIC.				
	3 HOURS 47695	LECT-DISC	A	10	M W F	209 D K H		BRIGHT
AT	280 TEA	CHERS COURS	E.	INC MAJORS	TAL A ATTAL			
		SITE: LAT.						
	2 HOURS	T MEET DUR	ING SIX-V	FEK STUDE	NT TEACHING	PER IOD.		
	47706	LECT-DISC		9	MTUW	394 L H		SCANLAN
AT	291 SEN PREREQUI 2 HOURS	SITE: LAT.	204.					
	47713	CONF	1	IRR				STAFF
		COURSES	S FOR ADV	ANCED UND	ERGRADUATES	AND GRADUA	TES	
AT	305 CIC	ERO AND THE	ROMAN I	REPUBLIC.				
	3 HOURS	OR 1/2 UNIT	ZUI AND					
	47721	LECT-DISC	Α	9	M W F	362 L H		HELLER
	22.2		e carpos	7.7.041 7				
AT	REQUIRED TEACHERS		RECEIVING	THE RECO	MMENDATION (	DF THE DEPA	RTMENT AS	
		SITE: TWELY		OF LATIN	ACCEPTABLE	FOR A MAJOR	•	
		LECT-DISC		10	TU TH	430 ARMOR	Υ	NE WMAN
AT.	PREREQUI		YEARS OF	COLLEGE L	ATIN OR CON	SENT OF INS	TRUCTOR.	
	3 HOURS,	OR 3/4 OR LECT-DISC	A	2	M W F	409 LIB		WALLACH

LAT	PREREQUI			E LATIN OR	EQUIVALENT, CONSE	NT.
	≠3 HOURS	TS MAY ACCUMULAT	E 12 HOURS.			
		APULEIUS. LECT-DISC A	1	м ы ғ	362 L H	MARCOVICE
			COURSES FOR	GRADUATES		
LAT	400 BEG	GINNING LATIN FO	R GRADUATE S	TUDENTS.		
		LECT-DISC	4	MTUWTH	209 D K H	
LAT	414 LUC					
		LECT-DISC A	3-5	M W F	409 LIB	OLIVER
LAT	415 LUC					
	47777	LECT-DISC A	3~5	TU TH	409 LIB	JACOBSON
LAT	SA	E CAROLINGIAN RE ME AS C. LIT. 45 ISITE: LAT. 360.	4.	IT VALENT		
	1 UNIT				362 L H	WALLACH
LAT	PREREQUI	RECTED READING. ISITE: SECOND YE DENT MAY OFFER M TOWARD THE DEGRE	ORE THAN 1 L		IT IN THIS	
	*1/4 TO 47791	1 UNIT CONF	ARR			STAFF
LAT	SAM	BLIOGRAPHY AND C ME AS GRK. 495.	RITICISM, I			
	1/2 UNIT 47802		2	TU TH	409 LIB	OLIVER
LAT	499 THE	ESIS RESEARCH.				
		CONF	ARR			STAFF

### LATIN AMERICAN STUDIES PROGRAM

DEPARTMENT OFFICE

253 1208 W. CALIFORNIA

7

### STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

STUDENTS WHO ELECT LATIN AMERICAN STUDIES AS A MINOR SHALL BE REQUIRED TO:

1. COMPLETE SIX SEMESTERS OR EQUIVALENT OF COLLEGE SPANISH OR PORTUGUESE. IF A STUDENT WISHES TO TAKE BOTH SPANISH AND PORTUGUESE HE MAY TAKE TWO YEARS OF EACH TO SATISFY THIS REQUIREMENT. IN THE CASE OF WELL-QUALIFIED STUDENTS THE LANGUAGE REQUIREMENT MAY BE MODIFIED.

2. COMPLETE AT LEAST TWENTY SEMESTER HOURS FROM THE COURSES LISTED BELOW, INCLUDING SOC. S. 201, CHOSEN FROM AMONG FOUR DEPARTMENTS. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE LATIN AMERICAN STUDIES PROGRAM MAY NOT BE INCLUDED MITHIN THIS TWENTY HOURS.

ANTH		333,	349, 380	350,	POL S PORT			304	
ART	318				SOC S	201			
ECON	352				SOC	373			
GEOG	331,	332			SPAN	222,	231,	242,	30
HIST	275,	276,	377,	378		308,	310,	332	
MUSTO	336								

### GRADUATE MINOR IN LATIN AMERICAN STUDIES

CANDIDATES FOR THE MASTERS DEGREE MUST ELECT A MINIMUM OF TWO UNITS FOR A MINOR IN THIS PROGRAM. DOCTORAL CANDIDATES WHO ELECT LATIN AMERICAN STUDIES AS A SOLE MINOR MUST EARN A MINIMUM OF FOUR UNITS OF CREDIT IN APPROVED COURSES, FOR A SPLIT MINOR, AT LEAST TWO UNITS OF CREDIT MUST BE EARNED. THE COURSES FOR ALL GRADUATE MINORS IN LATIN AMERICAN STUDIES MUST BE TAKEN IN AT LEAST TWO DEPARTMENTS. COURSES IN THE FOLLOWING LIST MAY BE INCLUDED IN THE GRADUATE MINOR:

AG EC AGRON ANTH	429 332,	333,		350,	352,	MUSIC POL S PORT	342,			
ART BOT	318,	491				SOC		310,	431,	432,
ECON GEOG HIST	331,		495	378,	461			435, 452,	436, 491	437,

## STUDENTS IN OTHER COLLEGES

STUDENTS IN TECHNICAL AND PROFESSIONAL COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF LATIN AMERICAN AFFAIRS, CULTURE, AND LANGUAGES ARE INVITED TO CONSULT WITH MEMBERS OF THE TEACHING STAFF OF THE LATIN AMERICAN STUDIES PROGRAM, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH A PROGRAM MAY OFTEN BE ADOPTED AS A SPECIAL MINOR UNDER EXISTING REGULATIONS IF THE STUDENT SO DESIRES. IT IS RECOGNIZED THAT THE NUMBER OF ELECTIVE HOURS AVAILABLE FOR SUCH SPECIAL AREA STUDIES VARIES AMONG MANY OF THE EIGHT— AND TENSEMESTER PROGRAMS IN THE UNIVERSITY, BUT MOST STUDENTS WISHING TO INCREASE THEIR PROFICIENCY IN LATIN AMERICAN AFFAIRS CAN DO SO WITHOUT EXCESSIVE CROWDING OF SCHEDULES. THESE COURSES ARE OF PARTICULAR VALUE TO STUDENTS WHO INTEND TO CARRY ON TECHNICAL OR PROFESSIONAL WORK IN THE LATIN AMERICAN AREA FOR THE GOVERNMENT, PRIVATE BUSINESS, PUBLICATIONS, OR RELIGIOUS ORGANIZATIONS.

DEPARTMENT OFFICE

209 LAW

## COURSES FOR FIRST-YEAR LAW STUDENTS

NOTE: STUDENTS ASSIGNED TO GROUP I SHOULD TAKE SEC. A OF LAW 301.

				SHOULD TAKE S	EC. A OF LAW 301,
		3, 305, 307, AND			
		UDENTS ASSIGNED		SHOULD TAKE	SEC. B OF LAW
		01, 303, 305, 307		T CHOULD TAKE	CEC C OF LAH
		TUDENTS ASSIGNED 11, 303, 305, 307		I SHOULD TAKE	SEC. C UF LAW
	30	11, 303, 303, 307	, AND 309.		
LAW	301 CON	ITRACTS A.			
			S COURSE ON	LY WITH PERMI	SSION OF DEPARTMENT
	FOR STUD	ENTS WHO ARE CAN	DIDATES FOR	THE M. C. L.	DEGREE.
	*3 HOURS	OR 1 UNIT			
	47827	LECT-DISC A	11	THES	B LAW
	47834	LECT-DISC B	10	MTUW	A LAW
	47841	LECT-DISC C	8	MTUW	A LAW
LAW	303 TOR				
					SSION OF DEPARTMENT
		ENTS WHO ARE CAN OR 1/2 UNIT	IDI DATES FOR	THE M. C. L.	DEGREE.
		LECT-DISC A	11	M W	A LAW
		LECT-DISC B	3	THE	A LAW
		LECT-DISC C	2	THE	BLAW
		2207 0100 0	-		0 2411
LAW	305 JUD	ICIAL REMEDIES.			
					SSION OF DEPARTMENT
		ENTS WHO ARE CAN	DIDATES FOR	THE M. C. L.	DEGREE.
		OR 1 UNIT			
		LECT-DISC A	3	MTUW	A LAW
		LECT-DISC B	4	MTUW	A LAW B LAW
	41909	LECI-DISC C	9	MIOW	D LAW
1.AW	307 PRO	PERTY A.			
			S COURSE ON	LY WITH PERMI	SSION OF DEPARTMENT
	FOR STUD	ENTS WHO ARE CAN	DIDATES FOR	THE M. C. L.	DEGREE.
	*3 HOURS	OR 1 UNIT			
	47916	LECT-DISC A	9	MIUW	A LAW
	47923	LECT-DISC B	8	THES	A LAW
	47931	LECT-DISC C	9	THES	B LAW
6 A 1.1	200 001	MTNAL LAN			
LAW	309 CRI		s compse on		SSION OF DEPARTMENT
		ENTS WHO ARE CAN			
		OR 1 UNIT	DIDATES TON	THE HE CE ES	DEGREE .
	47948	LECT-DISC A	9	THES	A LAW
		LECT-DISC B	10	THES	ALAW
		LECT-DISC C	11	THES	A LAW

OCCUPATION ALLAW.

\*\*CRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.

\*\*4 HOURS OR 1 UNIT

47970 LECT-DISC A 10 WTHFS D LAW

\*\*CROSS LECT-DISC B 11 WTHFS AUD LAW LAW 310

WTHES D LAW WTHES AUD LAW UWTHE D LAW LECT-DISC B 11 TUWTHE 47994

315 L 1 HOUR LEGAL WRITING AND RESEARCH. LAW 48007 LECT-DISC A LAW 48014 LECT-DISC В A LAW 48021 LECT-DISC TH A LAW 48039 LECT-DISC D ŤΗ B LAW 1 LECT-DISC 48046 TH A LAW Ε 2 48053 LECT-DISC A LAW 48061 LECT-DISC B LAW 1

COURSES FOR ADVANCED LAW STUDENTS

LAW	317 AP	PELLATE ADVO	CACY A			
	48078	CONF	A	ARR		
LAW	320 BU	SINESS ASSOC OR 1 UNIT LECT-DISC LECT-DISC	IATIONS	S.		
	48085	LECT-DISC	A	9	THES	D LAW B LAW
				10	1HF 2	B LAW
LAW	322 CO	MMERCIAL LAW	(. I.			
	48103	OR 1 UNIT LECT-DISC LECT-DISC	Α	11	M W	D LAW D ŁAW
)				2	MTU	D ŁAW
LAW	328 IN	COME TAXATIO	N.			
	3 HOURS	OR 1 UNIT	٨	9	MTUW	DIAW
	40120	LECT DISC	Ā	4	tu	D LAW
	48135	LECT-DISC	В	2 4	MTUW TU MTUW W	AUD LAW
LAW	329 DE	CEDENTS ESTA	TES AND	TRUSTS.		
	3 HOURS	OR 1 UNIT		2	MTINI	D 1 41/
	48150	LECT-DISC	В	8	MTUW THES	D LAW
. LAW	3 HOURS	GISLATION. OR 1 UNIT				
	48167	LECT-DISC	А		MTUW	E LAW
LAW	333 PE	RSONS.				
	2 HOURS 48174	RSONS. OR 1/2 UNIT LECT-DISC	Α	11	THES	D LAW
! L AW	2 HOURS	MMERCIAL LAW OR 1/2 UNIT	, II.			
	48181	MMERCIAL LAW OR 1/2 UNIT LECT-DISC	A	8	MTU	B LAW
	3 HOURS 48199	OR 1 UNIT LECT-DISC	Α	9	MTUW	AUD LAW
LAW	340 L0	CAL GOVERNME OR 1 UNIT LECT-DISC	NT LAW.			
	48200	LECT-DISC	A	2	WTHF	D LAW
f. Ald	361 011	AND CAS				
LAW	3 HOURS	L AND GAS. OR 1 UNIT LECT-DISC				
				10	THES	AUD LAW
LAW	344 CR	EDITORS RIGH OR 1 UNIT LECT-DISC	ITS.			
	3 HOURS 48224	OR 1 UNIT	Α	2	WITHE	CLAW
LAW	347 LA	BOR LAW, I. ME AS L.I.R. OR I UNIT LECT-DISC	347.			
	3 HOURS	OR 1 UNIT	Α	9	THEC	AUD LAW
				7	I nr S	AGD LAW
LAW	348 IN	TERNATIONAL	LAW.			
	3 HOURS 48249	TERNATIONAL OR 1 UNIT LECT-DISC	Ά	8	THES	C LAW
LAW	351 JUI	RISPRUDENCE.				
	48256	OR 1 UNIT LECT-DISC	A	2	WTHE	E LAW
LAW				ND SECUR	11166	
LAW	2 HOURS	RPORATION FI OR 1/2 UNIT LECT-DISC	NANCE A	AND SECOK	11152+	
	48263	FECT-DISC	A	3-5	TH	B LAW

LAW	357 LEG	AL ACCOUNTS	NG.			
	2 HOURS					
	48271	LECT-DISC	A	1	M W	E LAW
LAW	358 MOD	SERN SOCIAL	ECTSLA	AT TON		
C MM	2 110110 5	00 1 111177				
	48288	LECT-DISC	Α	3	MTUW	AUD LAW
L AW	360 150	AL DRAFTING	AND L	AU 0551C5	DDACTICE	
LAN	2 HOURS	LECT-DISC	AND LA	AM OFFICE	PRACTICE.	
	48295	LECT-DISC	Α	8	M W	219 LAW
LAW	362 PRA	CTICE COURT				
LAW	*CREDIT	CONTINGENT	HPON CI	IMPLETION	OF SECOND S	SEMESTER WORK.
	*1 HOUR		0.0	5717 EE 11 611	0, 3200,00	COURTROOM LAW
	48306	LECT-DISC	A	1-3	F	COURTROOM LAW
LAW	369 SOV	TET LAW.				
LAN	3 HOURS	OR 1 UNIT				
	48313	LECT-DISC	Α	3	MTUW	B LAW
4 451	271 CCH	INAR IN SEL	CCT CD I	ECAL DOOR	1 546	
L AW	2 HOURS	OR 1/2 HHTT				
	48321	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A	4-6 4-6 4-6 4-6 4-6 4-6	М	219 LAW
	48338	LECT-DISC	В	4-6	TU	219 LAW
	48345	LECT-DISC	С	4-6	W	219 LAW
	48352	FEC1-012C	D	4-6	IH TH	COURTROOM LAN
	48377	LECT-DISC	F	4-6	· F	219 I AW
	48384	LECT-DISC	G	4-6	. F	219 LAW 219 LAW 219 LAW 219 LAW COURTROOM LAW 219 LAW COURTROOM LAW
0.414	201 150	AL PROBLEMS				
L AW	1 HOUR	AL PRUBLEMS	•			
	48391	CONF	A	ARR		
	202 150	AL PROBLEMS				
LAW	1 HOUR	AL PRUBLEMS	•			
		CONF	A	ARR		
LAW	1 HOUR	SAL PROBLEMS	•			
	48410	CONF	A	ARR		
		00.11	-	,		
LAW	394 LEG	SAL PROBLEMS				
	48427	CONF	Δ	ARR		
	10121	COM	_			
LAW	399 RES	EARCH ON SP	ECIAL	TOPICS.		
	48441	LUNE 100K24 DK I\	Z UK I	ARR		
	48434	CONF	В	ARR		
			0.000			
			000	RSES FOR (	SKADUA TES	
L AW	400 SEM		E DUCA	TION.		
	1/2 UNI1					
	48459	CONF	A	AKK		
LAW	499 THE	SIS RESEARC	H.			
	1/2 TO 3	UNITS				
•	48466	SIS RESEARC 3 UNITS CONF	A	ARR		

# COURSES FOR UNDERGRADUATES

					15005 1					
L	Д	S	4 HOURS		IENCE, I.			D. C. C. U. C. T. C. U. C.	FCTION	
			*ENROLLM	MENT IN S	ECTION S1	LIMITED	TURE PLUS ONE TO STUDENTS C	ONC URRENTLY	ECTION .	
			*ENROLLM	ENT IN S	ED. 335, ECTION S2 LECT AND	LIMITED	TO STUDENTS C	ONCURRENTLY	ENROLLED	
			10170	LECT		1.0	TU TH	100 M M B		ROSEN & STAFF
			48481	LECT	B C 1 2 3 4 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18	2	TU TH TU TH	141 P B		
			48498 48509	DISC	1	11	TH	B C A		
			48516	DISC DISC DISC DISC DISC	2	3	TH	9 C A		
			48523 48531	DISC	3	4	TH TH	8 C A 9 C A		
			48548	DISC	5	11	TH	9 C A		
			48555	DISC	6	1	TH	9 C A		
			48562 485 <b>7</b> 0	DISC	7	2	TH	9 C A		
			48587	DISC	9	9	TU	9 C A		
			48594	DISC	10	10	TU	9 C A		
			48605 48612	DISC	11	1 3	TII	8 C A 9 C A		
			48620	DISC	13	9	тн	8 C A		
			48637	DISC	14	2	TH	8 C A 9 C A		
			48644 48651	DISC	15	11	TH TH TH TU	9 C A		
			48669	DISC	17	2	TU	9 C A		
			48676	DISC	18	1	TU	9 C A 8 C A		
				DISC	19 20	10	TH	8 C A		
			48701	DISC	21	12	TH	9 C A		
			48719	DISC	22	12	TH TH	8 C A 9 C A		
			48726 48733	DISC	*S1 *S2	10 12	TU	8 C A		
			40133	0.00	0.2					
L	Α	S			CIENCE, II					
			PREREQUI 4 HOURS	ISITE: L.	. A. S. 14	1.				
				ORY (2 OF	NORE HOL	JRS PER W	EEK ) TO BE ARR	ANGED.		
				LECT		3		151 P B		ROSEN & STAFF
			48758 48765	DISC	23 24	4	TU TU	8 C A 8 C A		
				DISC	2.5	10	TU	8 C A		
			48780	DISC	26	1	TU	8 C A 8 C A		
			48797 48808	DISC	27 28	3 4	TU TU	9 C A		
			40000	D 1 00	20	•				
L	Α	S	162 LI				SENT OF INSTRU	IC TOP		
			4 HOURS		. M. J. 10					
			48815	LECT		1	M W	196 L H		DUNDAS & STAFF
			48822 48830	DISC	C	9	TU TH TU TH	141 A H		
			48847	DISC	F	2	TU TH	141 A H		
	,		107 50	ECHMAN C	THENSO TO	DUVETCA	CCLENCE			
L	A	5		ISITE: J	AMES SCHOOL	LAR OR DE	SIGNATION AS A	SUPERIOR S	TUDENT;	
			CONSENT 4 HOURS	OF INST	RUCTOR.					
			48854	CONF	3	9	M W F	94 COM W		ROSEN
				LAB	.3	ARR				

### LIBERAL ARTS (STUDY ABROAD)

### COURSES FOR ADVANCED UNDERGRADUATES

L A S 299 LAS STUDY ABROAD.
PREREQUISITE: PERMISSION OF THE STUDENT'S MAJOR DEPARTMENT AND THE COLLEGE OFFICE. \*FINAL DETERMINATION OF APPROPRIATE CREDIT WILL BE MADE UPON THE STUDENT'S COMPLETION OF THE WORK. THE COURSE MAY BE REPEATED TO A MAXIMUM OF 30 SEMESTER HOURS PER ACADEMIC YEAR OR TO A TOTAL OF 36 SEMESTER HOURS, ALL OF WHICH MUST BE EARNED WITHIN ONE CALENDAR YEAR. O TO 15 HOURS

ARR

LIBRARY SCIENCE

DEPARTMENT OFFICE

CONF

331 LIB

### COURSES FOR UNDERGRADUATES

INTRODUCTION TO LIBRARY USE. INTENDED FOR FRESHMEN AND SOPHOMORES; NOT TO BE COUNTED TOWARD THE UNDERGRADUATE MINOR IN LIBRARY SCIENCE. NOT FOR STUDENTS IN THE GRADUATE SCHOOL OF LIBRARY SCIENCE. 3 HOURS 48879 LECT-DISC A 830-10 TU TH LECT-DISC B 1-230 TU TH 3288 LIB 3288 LIB 48886

LIB S 199 9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED.

\*0 TO 9 HOURS 48893 CONF

48861

CONF 11 TH 66 LIB

## COURSES FOR ADVANCED UNDERGRADUATES

INTRODUCTION TO REFERENCE SERVICE. PREREQUISITE: 60 HOURS OF ACADEMIC WORK. 3 HOURS

48904

LECT-DISC A LECT-DISC B 8 M W F 314 LIB 4-530 M W 128 LIB 48911

ALLEN

HENDER SON

LIB S 204 DEVELOPMENT AND OPERATION OF LIBRARIES.
PREREQUISITE: 60 HOURS OF ACADEMIC WORK.

3 HOURS \*STUDENTS WILL BE REQUIRED TO MEET ALL AFTERNOON ON APPROXIMATELY

FOUR TUESDAYS DURING THE SEMESTER.

FOUR TUESDAYS DONALLE 48929 LECT-DISC 10 128 KRUMMEL 309 LIB 48936 TU В 3-5 48943 LAB

LIB S 255

ORGANIZATION OF LIBRARY MATERIALS.
PREREQUISITE: JUNIOR STANDING (60 HOURS OF ACADEMIC WORK).

3 HOURS 8-10 M W 48951 LECT-DISC A 48968 LECT-DISC B TU TH 128 LIB 128 LIB 2-4

SELECTION OF LIBRARY MATERIALS.

PREREQUISITE: 60 HOURS OF ACADEMIC WORK.

3 HOURS

LECT-DISC A LECT-DISC B 48975 128 LIB 48982 M W F 128 LIB

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

LIB S	301 LIT	ERATURE OF 1	THE HUMAN	ITIES ANI	D \$0	CIAL S	CIENCE	S.	
	PREREQUI	SITE: SENIOR OR 1 UNIT	STANDIN	G.					
	48990	LECT-DISC		11-1230	М	W	3288	LIB	
LIB S	302 LIT	ERATURE OF T	HE SCIEN	CES.					
	PREREQUI OF INSTR	SITE: SENIOR	STANDIN	G, AND L	I B .	S. 204	AND 2	58, OR CON	SENT
		OR 1 UNIT							
	49002	LECT-DISC		9	М	W F	429	LIB	JENK INS
FIB 2	303 LIB	RARY MATERIA	LS FOR C	HILDREN.					
	3 HOURS,	SITE: JUNIOR OR 1/2 OR 1	UNIT	•					
	49010 49027	LECT-DISC LECT-DISC	Λ 6	MQ O S O - O S	М	W F		LIB LIB	SCHULTZ
	49034	LECT-DISC LECT-DISC	c	8 10 1	М	W F	314	LIB	LOHRER
	49041	LECT-DISC	D	1	М	W F	314	LI8	LADLEY
FIB S	PREREQUI	RARY MATERIA SITE: JUNIOR	LS FOR Y	DUNG ADUI	LIS.				
	3 HOURS,	OR 1/2 OR 1	UNIT						
	49059	LECT-DISC		9	М	W F	314	LIB	THOMASSEN
		IO-VISUAL SE	DUICEC I	4 * 00 40					
F18 2		SITE: JUNIOR			155.				
	A TWO-DA	Y FIELD TRIP	IS REQU	IRED; EST					
	49066	OR 1 UNIT LECT-DISC		1-3	М	W	309	LIB	THOMASSEN
LIB S	309 STO	RYTELL ING.							
	PREREQUI	SITE: LIB. S	. 303 OR	CONSENT	OF	INSTRU	CTOR.		
	49073	OR 1/2 OR 1 LECT-DISC	UNII	4-530	М	W	328*	LIB	LADLEY
			COURS	ES FOR (	GRAD	UATES			
LIB S	405 LIB	RARY ADMINIS	TRATION.						
	1 UNIT	SITE: LIB. S		CONS ENT	r of				
	49081	LECT		1-3	TU		314	LIB	SCHLIPF
	49098 49109	LECT DISC DISC DISC	A B	1 3	TU	W	328B	LIB LIB LIB	SCHL IPF CROWLEY
	49116	DISC	C	2		W	3288	LIB	KROMMEL
LIB S	407 CAT	ALOGING AND	CLASSIFIC	ATION. I		******	UCTOR.		
	1 UNIT	SITE: LIB. S							
	49123	LECT-DISC	1	10-12	TU		314	LIB	HENDERSON
LIB S	409 COM 1 UNIT	MUNICATION R	OLES AND	RESPONSI	BIL	ITIES	OF LIB	RARIES.	
	49131	LECT-DISC		8-10	TU		314	LIB	
LIB S	411 REF	ERENCE SERVI	CE IN THE	HUMANII	TIES	AND S	OCIAL	SCIENCES.	
	PREREQUI	SITE: LIB. S	. 201, OF	CONSENT	r of	INSTR	UCTOR.		
	1 UNIT 49148	LECT-DISC		2	М		314	LIB LIB	LINDERMAN
				2-4		W	314	LIB	
LIB S	415 LIB	RARY MECHANI SITE: EITHER	ZATION AN	D AUTOMA	20	N. 255	AND 2	58. OR (2)	
	CONSENT	OF INSTRUCTO		3. 2011	20	., 200	2110 2	-04 04 (2)	
	1 UNIT	LECT-DISC		8	MTH	WTH	66	LIB	. т v
							00		
LIBS	424 GDV	ERNMENT PUBL	ICAT IONS						
210 0			411 00	(12 00	CON	SENT O	E INST	RUCTOR -	
	PREREQUI	SITE: LIB. S	. 411 UK	412+ UK	CUN	JENI U	1 11431	1001011	
	1 UNIT	SITE: LIB. S LECT-DISC					128		LINDERMAN

LIB S	427 RE:	SOURCES OF AME	ERICAN RESEARCH	LIBRARIES.		
	1 UNIT	LECT-DISC			314 LIB	KRUMMEL
		220. 2200				
LIB S			RAGE AND RETRIEN . 405 AND CONSE		RUCTOR.	
	49187	LECT-DISC	9-11	W	328B LIB	LANCASTER
LIB S	PREREQUI	ISITE: CONSENT				
	47174	CECT-DISC I	Ann			
LIB S	441 HIS	TORY OF CHILE	DRENS LITERATURE	E •		
		LECT-DISC	4-6	TU	328B LIB	LOHRER
119 5	443 CO	TEMPODADY RO	OK PUBLISHING.			
210 3	1 UNIT	LECT-DISC	3-5	TII	314 LIB	ALLEN
	1,222	2201 5130	3 9		317 210	ACCE!
		COURSES	FOR ADVANCED GRA	ADUATES		
LIB S	PREREQU	ISITE: A FIFT	MS IN LIBRARIAN: H-YEAR DEGREE II		SCIENCE, CONSENT OF	
	DIRECTOR					
	1/2 10 4	UNITS				
	49220	UNITS	J ARR			STAFF
LIB S	49220  460 SPI STUDENT: CONSECUT PREREQUE	CONF CONF ECIAL TOPICS S MAY ENROLL TIVELY. OPEN	IN LIBRARIANSHI	TWO SECTION	ONS, CONCURRENTLY OR	STAFF
LIB S	49220 460 SPI STUDENTS CONSECUS	CONF CONF ECIAL TOPICS S MAY ENROLL TIVELY. OPEN	IN LIBRARIANSHIF IN A MAXIMUM OF TO DOCTORAL ST T OF INSTRUCTOR	TWO SECTION UDENTS ONLY		STAFF
	49220 460 SPI STUDENT: CONSECU' PREREQU 1 UNIT 49237 465 LII PREREQU INSTRUC	ECIAL TOPICS S MAY ENROLL IVELY - OPEN ISITE: CONSEN' CONF BRARIANSHIP AI	IN LIBRARIANSHIR IN A MAXIMUM OF TO DOCTORAL STI T OF INSTRUCTOR  9-11  ND SOCIETY.	TWO SECTION  ONLY  F	·	•
	49220 460 SPI STUDENT: CONSECU PREREQU 1 UNIT 49237 465 LII PREREQU	2 UNITS CONF  ECIAL TOPICS S MAY ENROLL ! IVELY. OPEN LSITE: CONSEN' CONF  GRAFIANSHIP AL LSITE: MASTER TOR.	IN LIBRARIANSHIR IN A MAXIMUM OF TO DOCTORAL STI T OF INSTRUCTOR  9-11  ND SOCIETY.	TWO SECTION  F  LIBRARY SCI	328* LIB  IENCE OR CONSENT OF	•
LIB S	49220  460 SPI STUDENT: CONSECU' PREREQU 1 UNIT 49237  465 LII PREREQU. INSTRUC' 1 UNIT 49244  499 49' *MS CAN(	2 UNITS CONF  ECIAL TOPICS S MAY ENROLL ! IVELY. OPEN ISITE: CONSEN' CONF  BRARIANSHIP AI ISITE: MASTER TOR.  LECT-DISC  7 THESIS RESEI	IN LIBRARIANSHIF IN A MAXIMUM OF TO DOCTORAL STI T OF INSTRUCTOR E 9-11  ND SOCIETY. OF SCIENCE IN I	TWO SECTION  F  LIBRARY SCI	328* LIB  IENCE OR CONSENT OF	LANCASTER
LIB S	49220  460 SPI STUDENT: CONSECU PREREQU 1 UNIT 49237  465 LII PREREQU INSTRUC: 1 UNIT 49244	2 UNITS CONF  ECIAL TOPICS S MAY ENROLL ! IVELY. OPEN ISITE: CONSEN' CONF  BRARIANSHIP AI ISITE: MASTER TOR.  LECT-DISC  7 THESIS RESEI	IN LIBRARIANSHIF IN A MAXIMUM OF TO DOCTORAL STI T OF INSTRUCTOR E 9-11  ND SOCIETY. OF SCIENCE IN I	TWO SECTION  F  LIBRARY SCI	328* LIB  LENCE OR CONSENT OF  328B LIB	LANCASTER

## LINGUISTICS

DEPARTMENT DEFICE 309H D H

### COURSES FOR UNDERGRADUATES

FRESHMAN SEMINAR. LING 198 PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR. 3 HOURS TU TH 312 D H YEGERLEHNER 49269 LECT-DISC LING 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. WNUTER STATE OF THE STATE OF TH 49276 AJOLORE KIM, NYITI 49283 49291 STAHLKE COURSES FOR ADVANCED UNDERGRADUATES .00 ELEMENTS OF≪LINGUISTICS. PREREQUISITE: ONE YEAR, OR EQUIVALENT, OF A FOREIGN LANGUAGE. LING 3 HOURS LECT-DISC 49301 M W F 311 D H STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES INTRODUCTION TO LINGUISTICS. LING 300 SAME AS ANTH. 300.
PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT. 3 HOURS OR 1/2 UNIT 49319 LECT-DISC A LECT-DISC B 223 G H 400 E H KISSEBERTH 10 49326 J MORGAN LING 301 INTRODUCTION

\$\text{HOURS OR 1/2 UNIT}

A0233. LECT-DISC INTRODUCTION TO GENERAL PHONETICS. 11 M W F 311 D H KIM LING COMPARATIVE LINGUISTICS.
PREREQUISITE: FULFILLMENT OF FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR THE EQUIVALENT. 3 HOURS OR 1/2 UNIT 80 9 49341 LECT-DISC 15 DKH KAHANE LING 303 NON-WESTERN LINGUISTIC STRUCTURES . MAY BE REPEATED FOR CREDIT UPON CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT \*SECTION A CONCERNS IRANIAN. \*SECTION C CONCERNS SWAHILI. OPEN TO THOSE WHO HAVE AT LEAST ONE YEAR OF SWAHILI. \*SECTION D CONCERNS HINDI. \*SECTION I CONCERNS LITHUWANIAN. SECTION J CONCERNS HITTITE.
SECTION K CONCERNS EARLY IRISH. 49358 LECT-DISC \*A 1 MTU THE 325 G H MILLER 49365 LECT-DISC \*C M W F 312 KIM 49372 LECT-DISC \*D 11-1230 Y KACHRU TU TH 312 LECT-DISC \*I LECT-DISC J LECT-DISC K M W F M W F HOCK 49380 1 300 N L 49397 12 312 DH MILLER 49408 10 240 MEI MARCHAND LING 307 INTRODUCTION TO MATHEMATICAL LINGUISTICS. SAME AS ANTH. 307.
PREREQUISITE: LING. 300.

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M W F

312 D H

STAFF

3 HOURS OR 1 UNIT 49415 LECT-DISC

LING	315 INTRODUCTION TO INDO-EUR					7.15	
	PREREQUISITE: FULFILLMENT OF COLLEGE OF LIBERAL ARTS AND S	CIENCES	E KEUU	IKEMEN	II IN	IHE	
	COLLEGE OF LIBERAL ARTS AND S 3 HOURS OR 1 UNIT 49422 LECT-DISC	,	м м	c	212	0.41	HDCK
	49422 [ECI-0130]	. 1	m w	r	312	UH	HUCK
LING	320 INTRODUCTION TO AFRICAN	LINGUIST	rics.				
21110	PREREQUISITE: LING. 200 OR 30			T OF I	NSTRU	JCTOR.	
	3 HOURS OR 1 UNIT 49430 LECT-DISC	0	M W	F	311	D Н	STAHLKE
LING	325 INTRODUCTION TO PSYCHOL	NGUISTIC	cs.				
	SAME AS COMM. 325. PREREQUISITE: AN INTRODUCTORY	CUIDE	INIT	NCHEST	100	ne psychology.	
	AND CONSENT OF INSTRUCTOR.						
	3 HOURS OR 1 UNIT 49447 LECT-DISC	2	M W	F	327	G H	MACLAY
		_					
LING	330 INTRODUCTION TO FAR EAST	ERN LING	UISTI	CS.			
	SAME AS CHIN., JAPAN. AN PREREQUISITE: LING. 300 AND (	ID KUKEAN	1 330.		ID.		
	3 HOURS OR 1 UNIT 49454 LECT-DISC 103	10-12	TU T	Н	138	ADMIN	MAKINO
1. 7.110	351 AREA' LINGUISTICS.						
LING	PREREQUISITE: LING. 300.						
	3 HOURS OR 1 UNIT	4	м ы	F	2001	DH	LEHMAN
	47401 EECT 5130	7	17 11	'	2074	0 11	ELIMAN
LING	370 LANGUAGE. CULTURE. AND S	OCIETY.					
	370 LANGUAGE, CULTURE, AND S SAME AS COMM. AND ANTH.	370.					
	SAME AS COMM. AND ANTH. 3 HOURS, OR 1/2 OR 1 UNIT 49479 LECT-DISC	1	M W	F	209A	D Н	BRUKMAN
LING	375 SPEECH SCIENCE, I.						
	SAME AS SPCH. 375. PREREQUISITE: SPCH. 109 OR 30	1, OR CO	DNSENT	OF 1N	STRU	CTOR.	
	3 HOURS OR 1/2 UNIT	2			304		STAFF
	2201 0200						
LING	380 INTRODUCTION TO SLAVIC L	INGUISTI	ics.				
	SAME AS SLAV. 380. PREREQUISITE: JUNIOR STANDING	OP COMS	ENT O	F INST	DIK TO	פר	
	3 HOURS OR 3/4 UNIT						
	49493 LECT-DISC EF	1-215	TU TI	1	392	LH	DUNATOV
1.740	382 INTRODUCTION TO SANSKRIT	LINCHE	TICC				
LING	PREREQUISITE: LING. 300 AND C	ONSENT	F INS	TR UC TO	R.		
	3 HOURS OR 1 UNIT 49504 LECT-DISC	9	M W	F	312	р н	носк
LING	387 THE STRUCTURE OF ENGLISH SAME AS ENGL. 387. 3 HOURS OR 374 UNIT 49511 LECT-DISC						
	SAME AS ENGL. 387.						
	49511 LECT-DISC	3-5	TU		312	D H	M GEIS
		3	T	4	312	DH	M GEIS
LINC	388 LINGUISTICS IN LANGUAGE	FADNING	. 1.				
L 1140	SAME AS RHET. 388.  PREREQUISITE: TWO YEARS OF FO	CEANNING	77 14				
	PREREQUISITE: TWO YEARS OF FO	REIGN LA	NGUAG	AND	CONSE	NT OF	
	INSTRUCTOR. 4 HOURS OR 3/4 UNIT	3	м	_	227	ADMODY	ACTON
	49529 LECT-DISC G	3	m W	г	331	ARMORY	ASTON
LING	389 LINGUISTICS IN LANGUAGE	1 FARNING	. 11				
2 1140	SAME AS RHET. 389.						
	PREREQUISITE: RHET./LING. 388 4 HOURS OR 3/4 UNIT						
	49536 LECT-DISC D 1	1	M W	F	119	E B	ASTON

## COURSES FOR GRADUATES

LING SEMINAR IN LINGUISTIC ANALYSIS. PREREQUISITE: LING. 401.
\*MAY BE REPEATED FOR CREDIT WITH CONSENT OF INSTRUCTOR. #1 UNIT SECTION A TOPIC: INTRODUCTION TO COMPUTATIONAL LINGUISTICS. SECTION B TOPIC: DIACHRONIC SYNTAX.
SECTION C TOPIC: HISTORICAL PHONOLOGY.
SECTION D TOPIC: LEXICOGRAPHY 9-1030 TU TH 9-1030 TU TH 3-430 M F 11-1230 TU TH LECT-DISC B
LECT-DISC C
LECT-DISC D 49551 238 ADMIN 113 D H ADMIN BENSON 49568 GREEN MILLER 49575 49543 330 ARMORY ZYGUSTA PRACTICUM. LING 404 PREREQUISITE: LING. 401 AND 402. 1 UNIT 49582 94 COM W M GEIS LECT-DISC 2-330 M W 405 SEMINAR IN STYLISTICS. LING PREREQUISITE: LING. 300 OR 305, AND CONSENT OF INSTRUCTOR. 1 UNIT 49590 LECT-DISC 3-5 N. KACHRU 409 FIELD METHODS IN LINGUISTICS.

SAME AS ANTH. 409.

PREREQUISITE: CREDIT OR ENROLLMENT IN LING. 401. LING T UNIT 209A D H LEHMAN 8 C A STAHLKE METHODS IN HISTORICAL LINGUISTICS. LING 411 PREREQUISITE: LING. 302 OR 315. 1 UNIT 49625 LECT-DISC M W F 1 G H MILLER 419 CONTRASTIVE ANALYSIS. LING SAME AS RHET. 419.
PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT 49632 LECT-DISC STAFF ARR LING 425 PSYCHOLINGUISTICS.
SAME AS COMM. AND PSYCH. 425. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 49640 LECT 9-11 F 21 PSYCH BLDG LINGUISTICS AND THE STUDY OF MEANING. PREREQUISITE: LING. 300. 1 UNIT 49657 LECT-DISC M W F 148 ADMIN YEGERI EHNER INTRODUCTION TO ROMANCE LINGUISTICS. LING 462 SAME AS FR., SPAN., ITAL. AND PORT. 462. 1/2 UNIT 49664 LECT-DISC TU TH 230 L H KAHANE LING 475 EXPERIMENTAL PHONETICS, I. SAME AS SPCH. 475. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 49671 LECT-DISC 1-4 TU 330 I H TOPICS IN SYNTACTIC THEORY. PREREQUISITE: LING. 317 OR 387 OR 401, AND CONSENT OF INSTRUCTOR. 1 UNIT 49689 LECT-DISC M W F

1

400 F H

J MORGAN

LING 482 TOPICS IN PHONOLOGICAL THEORY.
PREREQUISITE: LING. 402 OR EQUIVALENT.
1 UNIT

49696 LECT-DISC

4 M W F 311 D H

KISSEBERTH

LING 490 SPECIAL TOPICS IN LINGUISTICS.
1/2 TO 2 UNITS

49707 CONF

ARR

STAFF

LING 499 THESIS RESEARCH.

0 TO 4 UNITS 49714 CONF

STAFF

#### MATHEMATICS

DEPARTMENT OFFICE

273 A H

## MAJOR IN MATHEMATICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND TWELVE HOURS IN COURSES CHOSEN FROM MATHEMATICS 314, 317, 318, 327, 328, 332, 333, 342, 347, 348, 349, 353, 354, 361, 364, 366, 387, 392. FOR STUDENTS PREPARING FOR GRADUATE STUDY IN MATHEMATICS, THE FOLLOWING COURSES ARE RECOMMENDED: MATHEMATICS 317, 318, 332, 347, 348. STUDENTS IN SPECIAL CURRICULA AND THOSE WHO DO NOT INTEND TO PURSUE MATHEMATICS PROFESSIONALLY SHOULD CONSULT WITH THEIR ADVISORS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ACCOUNTANCY, ASTRONOMY, CHEMISTRY, COMPUTER SCIENCE, ECONOMICS, FINANCE, PHILOSOPHY, PHYSICS, PSYCHOLOGY, STATISTICS (MATHEMATICS 161, 361, 262, 363, 364, 375), SURVEYING, THEORETICAL AND APPLIED MECHANICS. DEPARTMENTAL HONDRS: ENTERING STUDENTS WITH SUPERIOR MATHEMATICAL ABILITY SHOULD APPLY TO THE DEPARTMENT OF MATHEMATICS, 273 ALTGELD HALL, FOR INFORMATION REGARDING THE HONDRS COURSE, MATHEMATICS 149. INFORMATION REGARDING REQUIREMENTS FOR GRADUATION WITH DISTINCTION IN MATHEMATICS IS AVAILABLE FROM THE ADVISING OFFICE, 269 ALTGELD HALL.

NOTE: AN ENTERING STUDENT WITH AN ADEQUATE PREPARATION IN HIGH SCHOOL MATHEMATICS SHOULD ENROLL IN ANALYTIC GEOMETRY (MATH. 122 OR 123) DURING THE FIRST SEMESTER, AND IN CALCULUS (MATH. 132 OR 133) DURING THE SECOND SEMESTER OF HIS FRESHMAN YEAR. ADMISSION TO ANALYTIC GEOMETRY NORMALLY REQUIRES A PASSING GRADE ON THE MATHEMATICS PLACEMENT TEST. A STUDENT INELIGIBLE FOR ANALYTIC GEOMETRY SHOULD ENROLL IN ALGEBRA (MATH. 111 OR 112) AND TRIGONOMETRY (MATH. 114) DURING HIS FIRST SEMESTER.

STUDENTS IN SPECIAL CURRICULA AND THOSE WHO INTEND TO TERMINATE THEIR STUDY OF MATHEMATICS WITH THE BACHELOR'S DEGREE SHOULD CONSULT THEIR ADVISERS REGARDING OTHER SELECTIONS FROM THE ABOVE LIST OF REQUIRED COURSES THAT WOULD RELATE TO THEIR SPECIAL INTERESTS.

## MAJOR IN STATISTICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND THE FOLLOWING SPECIFIC COURSES: 315 OR 318, 347, 363, 364.

MINORS: TWENTY HOURS IN ONE SUBJECT APPROVED BY THE DEPARTMENT OF MATHEMATICS. OF THESE TWENTY HOURS NOT MORE THAN NINE MAY BE IN STATISTICAL METHODS, AND MATH. 161 MAY BE TAKEN AS THREE OF THESE HOURS. THE COURSES NOT EMPHASIZING STATISTICAL METHODS SHOULD BE CHOSEN SO THAT COURSES ON THE 400 LEVEL CAN BE TAKEN IF THE STUDENT ENTERS THE GRADUATE COLLEGE.

#### MAJOR IN ACTUARIAL SCIENCE

MAJOR: ONE YEAR OF CALCULUS AND AT LEAST FIVE COURSES CHOSEN FROM THE FOLLOWING: COMPUTER SCIENCE 101, MATHEMATICS 311, 312, 362, 363, 371, 372.

MINORS: TWENTY HOURS CHOSEN FROM THE FOLLOWING: FINANCE 258, 259, 260, 262, 270, 360, 363, 370.

NOTE: STUDENTS ARE URGED TO ELECT ACCY. 201 AND B. ADM. 261 IN THEIR JUNIOR YEAR.

## MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE DEPARTMENT OF MATHEMATICS UNDER THE CURRICULUM IN SCIENCES AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 123, 132, 142 (OR 133, 143), 341, 342, 317, 318, 347, 348 (OR 361).

FIRST MINOR: C. S. 101, 201, 387, AND ONE OF 294, 301, OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IT IS RECOMMENDED THAT THE ABOVE COURSES BE TAKEN IN THE FOLLOWING SEQUENCE: FRESHMAN YEAR: FIRST SEMESTER, MATH. 123; SECOND SEMESTER, MATH. 132 (OR MATH. 133) SOPHOMORE YEAR: FIRST SEMESTER, MATH. 142 (OR MATH. 143); SECOND SEMESTER, C. S. 101, MATH. 341. JUNIOR YEAR: FIRST SEMESTER, MATH. 317, 342; SECOND SEMESTER, C. S. 201 OR 301, MATH. 318. SENIOR YEAR: FIRST SEMESTER, MATH. 347, ONE OF C. S. 294, 201, 301, 311; SECOND SEMESTER, C. S. 387, MATH. 348 OR 361.

NOTE: CERTAIN MATHEMATICS COURSES HAVE BEEN RENUMBERED. NOTE: CENTAIN MATHEMATICS COURSES HAVE BEEN RENUMBERED. THE FOLLOWING OLD AND NEW NUMBERS MAY BE INTERCHANGED IN ORDER TO SATISFY LISTED PREREQUISITES: OLD MATH. 122 AND 123 ARE NOW MATH. 120; OLD MATH. 132 IS NOW MATH. 130 AND 135; OLD MATH. 133 IS NOW MATH. 141; OLD MATH. 142 IS NOW MATH. 140 AND 145; OLD MATH. 143 IS NOT MATH. 141.

### COURSES FOR UNDERGRADUATES

#### MATH 101 BASIC MATHEMATICS.

4 HOURS K1 F1 G1 49721 LECT-DISC 12 MTUWTHE 259 2 49739 LECT-DISC MIUWTHE 163 E E B 204 49746 LECT-DISC 3 MTUWTHE н н 49753 LECT-DISC MTUWTHE 145 A H

### MATH

ELEMENTS OF ALGEBRA AND TRIGONOMETRY.
PREREQUISITE: HIGH SCHOOL ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT. 3 HOURS

49761 LECT-DISC A1 102 A H

ALGEBRA. MATH 111 PREREQUISITE: ENTRANCE ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT. STUDENTS HAVING 1-1/2 OR MORE UNITS OF HIGH SCHOOL ALGEBRA MAY NOT TAKE THIS COURSE UNLESS THEY HAVE THE APPROVAL OF THEIR COLLEGE OFFICE. \*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112. \*5 HOURS DH 49778 LECT-DISC A1 LECT-DISC A2 Я MILLWITHE 159 49785 8 MTUWTHE 110 49792 LECT-DISC A3 8 MTUWTHE 445 49803 LECT-DISC 9 MTUWTHE 159 81 49811 LECT-DISC Cl 10 MTUWTHE 159 49828 LECT-DISC C.2 10 MTUWTHE 56 F 49835 LECT-DISC 159 01 11 MTUWTHE D LECT-DISC 49842 X 1 12 MTUWTHE 159 D LECT-DISC 49850 12 MTUWTHE X 2 247 Δ н 49867 LECT-DISC 1 MITUWTHE 159 D H E 1 49874 LECT-DISC MILLWITHE 159 F) 2 D H LECT-DISC F2 49881 2 MIUWIHE 56 MFB 49899 LECT-DISC G1 159 3 MILLWITHE DH 49900 LECT-DISC MTUWTHE 56 G2 3 MFB 49917 LECT-DISC H1 4 MTUWTHE 159 DH 49924 LECT-DISC H2 4 MTUWTHE 143 ADMIN MATH 112 COLLEGE ALGEBRA. PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, PLANE GEOMETRY, 1 UNIT. \*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112. \*3 HOURS 49931 LECT-DISC Δ1 8 313 D H 49949 LECT-DISC A2 8 F 108 A H 49956 LECT-DISC A3 М 56 M E 8 49963 LECT-DISC Δ4 я М F 321 АН 49971 LECT-DISC Δ5 м F 443 8 Δ H LECT-DISC 49988 9 М F B 1 313 D H LECT-DISC F 49995 B2 9 М W 163 FF LECT-DISC 50001 F Cl 1.0 М 313 D H LECT-DISC ۴ 50019 0.2 10 M W 204 н н LECT-DISC C3 50026 10 М F 202 T B E 50033 LECT-DISC 01 11 М W 313 DH ADMIN 50041 LECT-DISC 02 11 М F 149 50058 LECT-DISC 03 11 М W F 443 A H 50065 LECT-DISC X 1 12 F 313 D 50072 LECT-DISC X2 12 М F 102 В LECT-DISC F 50080 Х3 12 321 50097 LECT-DISC E1 F 313 D H 1 50108 LECT-DISC E2 М F E 1 W 56 м 8 F LECT-DISC М 204 50115 E3 н н 50122 LECT-DISC F1 N W F 313 DH 50130 LECT-DISC м F F2 w MF 2 60 F3 F LECT-DISC м 347 50147 W A H H F 50154 LECT-DISC G1 3 W 313 D H 50161 LECT-DISC G 2 3 М W F 110 L H 50179 LECT-DISC Н1 4 М F 313 Б Н 50186 LECT-DISC H2 4 F 149 ADMIN MATH 114 PLANE TRIGONOMETRY. PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, OR REGISTRATION IN MATH. 111, PLANE GEOMETRY, 1 UNIT. 2 HOURS 50193 LECT-DISC L1 TU TH 102 A H 50204 LECT-DISC L2 8 TU TH 108 A H 50211 LECT-DISC Ml 9 TU TH 102 Α 50229 LECT-DISC 9 TU TH 108 A H M 2 50236 LECT-DISC М3 g TU TH 110 Α LECT-DISC 50243 N.T 1.0 TU TH 102 Δ LECT-DISC 108 50251 10 TU TH Δ N 2 LECT-DISC 50268 N3 P1 10 TU TH Δ 50275 LECT-DISC 11 TU TH 102 Α 50282 LECT+DISC P2 11 THE TH 108 Δ н 50290 LECT-DISC P3 11 THE TH 110 Δ н 50301 LECT-DISC Q1 12 TU TH 102 Δ н 50318 LECT-DISC R1 1 TU TH 102 Δ Н 50325 LECT-DISC R2 TU TH 108 Δ н

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INTRODUCTION TO MATHEMATICS, I.
MATH 118
              PREREQUISITE: ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT, OR
              EQUIVALENT.
              *MATHEMATICS 118 INVOLVES DUPLICATION OF CREDIT WITH MATH. 104.
              111, 112, AND 114.
              *4 HOURS
                           LECT-DISC A1
LECT-DISC B1
LECT-DISC C1
LECT-DISC D1
LECT-DISC X1
LECT-DISC E1
LECT-DISC F1
LECT-DISC G1
LECT-DISC H1
                                                          8
                                                                                        147 A H
           50396
                                                                        MTUWTH
                                                           9
                                                                        MTUWTH
                                                                                         110 L H
205 H H
           50407
                                                          10
           50414
                                                                        MTUWTH
                                                                                          152 ADMIN
108 A H
           50421
                                                         11
12
                                                                        MTUWITH
           50439
                                                                        MTUWTH
           50446
                                                          1 2
                                                                       MICH
                                                                                         443
                                                                                                A H
           50453
50461
50478
                                                                        MTUWTH
                                                                                          204
                                                                                                 H H
                                                          3
                                                                                        184
                                                                                                L H
ADMIN
                                                                       MILLWITH
                                                                        MTUWTH
MATH 119 INTRODUCTION TO MATHEMATICS, II.
            PREREQUISITE: MATH. 118.
              4 HOURS
           50485 LECT-DISC E1
50492 LECT-DISC F1
                                                                        MTUWTH 260 M E B
MTUWTH 165 A H
                                                  1 2
             O CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 111 OR 112, AND MATH. 114, OR ADEQUATE
PLACEMENT TEST SCORE.
MATH 120
              5 HOURS
              *SECTIONS &A1, &C1, &D1, &E1 ARE HONORS SECTIONS AND REQUIRE CONCURRENT REGISTRATION IN MATH. 149 SECTION &P.
          AB
                                                                                          259
                                                                        MTUWTHE
                                                                                                                        STOLARSKY
                                                                                       43 E E B
60 M E B
138 M E B
441 A H
                                                                        MTUWTHE
                                                                        MTUWTHE
                                                                        MTUWTHE
                                                                        MTUWTHE
                                                                                          143 ADM:
204 H H
                                                                        MTUWTHE
                                                                                                  ADMIN
                                                                       MTUWTHE
                                                                                                E E
                                                                        MTUWTHE
                                                                                          163
                                                                       MIUWIHE
MIUWIHE
MIUWIHE
MIUWIHE
MIUWIHE
                                                                   MTUWTHE
                                                                                        155
                                                                                                ADMIN
T B
                                                                                         149
                                                                                         202
                                                                                          159
                                                                                                 A H
                                                                                          1534 M F 8
                                                                                        169 A H
343 A H
                                                                                         152 ADMIN
347 A H
245 E E B
                                                                                          202
                                                                                                     Ħ
                                                                                         60 M E B
204 H H
138 M E B
                                                                        MTUWTHE
MTUWTHE
MTUWTHE
                                                                                          153A H E
                                                                                         153A H E B
441 A H
184 L H
163 E B
60 M E B
152 ADMIN
                                                                                                                        ALEXANDER. S.
                                                                       MTUWTHF
MTUWTHF
MTUWTHF
MTUWTHF
                           LECT-DISC C 5 10
LECT-DISC C 6 10
LECT-DISC C 6 10
LECT-DISC C 7 10
LECT-DISC C 8 10
LECT-DISC C 9 10
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LECT-DISC C 9 11
LECT-DISC D 3 11
LECT-DISC D 4 11
LECT-DISC D 5 11
LECT-DISC D 5 11
LECT-DISC D 7 11
LECT-DISC D 8 11
LECT-DISC D 8 11
LECT-DISC D 9 11
                                                                       MTUWTHF
MTUWTHF
MTUWTHF
MTUWTHF
                                                                                          165 A H
138 M E
443 A H
           50760
           50777
           50784
                                                                                         153A M E B
           50791
          50802
51384
50810
                                                                       MTUWTHE
                                                                                          1538 M E B
                                                                                         165 A H
447 A H
43 E E 8
163 E E 8
168 E E 8
                                                                                                                        BATEMAN, F.
                                                                        MTUWTHE
                                                                        MTUWTHE
           50827
           50834
                                                                        MTUWTHE
           50841
                                                                        MTUWTHE
           50859
                                                                        MIUWIHE
           50866
                                                                        MTUWTHE
                                                                                          153A M
                                                                        MTUWTHE
                                                                                          1538 M
           50873
                                            D 9
                                                          11
           50881
                            LECT-DISC
                                                                        MTUWTHE
                                                                                          256 H E
                            LECT-DISC
                                                                        MTUWTHE
           50898
                                                          11
                                                                                          260
          AH
                                                                        MTUWTHE
                                                                                          110
                                                                        MTUWTHE
                                                                                          145
                                                                                                A H
A H
                                                                        MTUWTHE
                                                                                          147
                                                                        MTUWTHE
                                                                                          155
                                                                                        159 A H
341 A H
343 A H
                                                                       MTUWTHF
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MTUWTHE

MATH	120 CONT	INUED					
	50970	LECT-DISC	X 8	12	MTUWTHE	345	A H
	50987	LECT-DISC	X 9	12	MTUWTHE	347	А Н
	50994	LECT-DISC	X10	12	MTUWTHE	441	A H
	51391		*&E1	1	MTUWTHE	445	A H
	51007	LECT-DISC	E 2	ī	MTUWTHE	155	A H
	51014	LECT-DISC	E 3	1	MTUWTHE	159	АН
	51021	LECT-DISC	E 4	î	MTUWTHE	184	L H
	51039	LECT-DISC	E 5	1	MTUWTHE	60	MEB
	51046	LECT-DISC	E 6	1	MTUWTHE	138	MEB
	51053	LECT-DISC	E 7	1	MTUWTHE	153A	MEB
	51061	LECT-DISC	E 8	ī	MTUWTHE	163	EEB
	51078	LECT-DISC	E 9	i	MTUWTHE	168	EEB
	51085	LECT-DISC	E10	1	MTUWTHE	245	EEB
	51092	LECT-DISC	F 1	2	MTUWTHE	138	MEB
	51103	LECT-DISC	F 2	2	MTUWTHE	153A	M E B
	51111	LECT-DISC	F 3	2	MTUWTHE	153B	MEB
	51128	LECT-DISC	F 4	2	MTUWTHE	168	EEB
	51135	LECT-DISC	F 5	2	MTUWTHE	205	HH
	51142	LECT-DISC	F 6	2	MTUWTHE	169	AH
	51150	LECT-DISC	F 7	2	MTUWTHE	441	AH
	51167	LECT-DISC	F 8	2	MTUWTHE	443	AH
	51174	LECT-DISC	F 9	2	MTUWTHE	238	ADMIN
	51181	LECT-DISC	G 1	3	MTUWTHE	163	E E B
	51199	LECT-DISC	G 2	3	MTUWTHE	168	E E B
	51200	LECT-DISC	G 3	3	MTUWTHE	60	
	51217	LECT-DISC	G 4	3	MTUWTHE	138	MEB
	51224	LECT-DISC	G 5	3	MTUWTHE		
				3	MTUWTHE	153A	
	51231	LECT-DISC	G 6 G 7	3		165	A H
	51249	LECT-DISC		3	MTUWTHE	156	ADMIN A H
	51256	LECT-DISC	G 8	3	MTUWTHE	447 1538	
	51263	LECT-DISC			MTUWTHF		MEB
	51271	LECT-DISC	H 1	4	MTUWTHF	147	AH
	51288	LECT-DISC	H 2	4	MTUWTHE	155	AH
	51295	LECT-DISC	H 3	4	MTUWTHF	441	A H
	51306	LECT-DISC	H 4	4	MTUWTHF	443	A H
	51313	LECT-DISC	H 5	4	MTUWTHF	156	ADMIN
	51321	LECT-DISC	H 6	4	MTUWTHE	184	LH
	51338	LECT-DISC	H 7	4	MTUWTHE	204	H H
	51345	LECT-DISC	H 8	4	MTUWTHE	43	EEB
	51352	LECT-DISC	H 9	4	MTUWTHF	159	АН
MATH					CIAL SCIENTIST	5, I.	
		ISITE: MATH.	111 OR	112.			
	3 HOURS						
	51402	LECT-DISC	A1	8	M W F	106	DKH
	51410	LECT-DISC	A 2	8	M W F	184	LH
	51427	LECT-DISC	A3	8	M W F	341	АН
	51434	LECT-DISC	B1	9	M W F	106	DKH
	51441	LECT-DISC	B 2	9	M W F	184	LH
	51459	LECT-DISC	83	9	M W F	238	ADMIN

51459 51466 LECT-DISC C1 C2 106 10 F DKH 51473 LECT-DISC 10 M M M F 110 LH AHDKH 51481 LECT-DISC С3 10 F 445 51498 LECT-DISC Dl 11 F 106 F L H 51509 LECT-DISC D2 11 110 ADMIN 51516 LECT-DISC X1 12 F 143 LECT-DISC 12 MMMMMMMM 149 51523 X 2 ADMIN W AHDKH 51531 Х3 F 51548 LECT-DISC E1 ī F 106 51555 E2 F 156 ADMIN 2 2 W 51562 LECT-DISC Fl F 106 DKH F2 51570 W F 184 L H LECT-DISC LECT-DISC LECT-DISC 51587 Gl F 106 DKH 3 51594 51605 W F н н D К н G 2 3 205 F Н1 4 106

LECT-DISC

H2

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51612

F

ADMIN

238

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130 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 120.
MATH 130
                              LECT-DISC A1 B MTUWTHF
LECT-DISC A2 8 MTUWTHF
LECT-DISC B1 9 MTUWTHF
LECT-DISC C2 10 MTUWTHF
LECT-DISC C3 11 MTUWTHF
LECT-DISC C4 11 MTUWTHF
LECT-DISC X1 12 MTUWTHF
LECT-DISC X2 12 MTUWTHF
LECT-DISC X2 12 MTUWTHF
LECT-DISC E1 1 MTUWTHF
LECT-DISC E1 1 MTUWTHF
LECT-DISC E2 1 MTUWTHF
LECT-DISC E3 MTUWTHF
LECT-DISC E4 MTUWTHF
LECT-DISC E5 MTUWTHF
LECT-DISC E6 MTUWTHF
LECT-DISC E7 MTUWTHF
LECT-DISC E7 MTUWTHF
LECT-DISC E7 MTUWTHF
LECT-DISC E7 MTUWTHF
               5 HOURS
                                                                                                   165
            51620
            51637
                                                                                                   1538 M E B
                                                                                                  445 A H
168 E E B
            51644
            51651
                                                                                                   169 A H
202 T B
165 A H
445 A H
            51669
            51676
            51683
            51691
            51701
                                                                                                    165
                                                                                                    1538 M E 8
            51719
            51726
51733
51741
51758
                                                                                                    173 A H
                                                                                                    256
                                                                                                             MEB
                                                                                                   256 M E B
165 A H
            51758
             31 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 120.
MATH 131
               3 HOURS
                                                                        M W F
M W F
M W F
M W F
                              LECT-DISC A1
LECT-DISC D1
LECT-DISC X1
LECT-DISC E1
                                                                                                 343 A H
238 ADMIN
169 A H
            51765
                                                                 8
                                                               11
            51772
            51780
                                                               12
                                                                                                          MEB
                                                                                                    256
            51797
                                                                 X
MATH 134
                      INTRODUCTORY ANALYSIS FOR SOCIAL SCIENTISTS, II.
              PREREQUISITE: MATH. 124.
               4 HOURS
                             LECT-DISC A1 B MTUWTH
LECT-DISC B1 9 MTUWTH
LECT-DISC C1 10 MTUWTH
LECT-DISC D1 11 MTUWTH
LECT-DISC X1 12 MTUWTH
LECT-DISC E1 1 MTUWTH
LECT-DISC F1 2 MTUWTH
LECT-DISC G1 3 MTUWTH
LECT-DISC H1 4 MTUWTH
            51808
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            51815
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            51822
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            51830
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            51847
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            51854
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205
205
            51861
                                                                                                            G H
            51879
                                                                                                             G H
            51886
MATH 135
               5 CALCULUS.
PREREQUISITE: STUDENTS MUST HAVE COMPLETED A THOROUGH COLLEGE LEVEL
               COURSE IN PLANE AND SOLID ANALYTIC GEOMETRY, OR THE EQUIVALENT.
                5 HOURS
               SECTIONS
                              &A1 AND &D1 ARE HONORS SECTIONS REQUIRING CONCURRENT
               REGISTRATION IN MATH. 149 SECTION &Q. *SECTION EI HAS TWO ADDITIONAL HOURS TO BE ARRANGED.
           FRASCELLA
                                                                                                            ADMIN
                                                                                                   1538 M E B
                                                                                                                                      ROTHMAN
                                                                                                                                      CHANLER
MATH
          141
                      CALCULUS AND ANALYTIC GEOMETRY.
               PREREQUISITE: MATH. 131.
               5 HOURS
            51982 -
                                                                             MTUWTHF 173 A H
                              LECT-DISC A1 8
               CALCULUS, II.
PREREQUISITE: MATH. 132.
MATH 142
               3 HOURS
               *SECTIONS &A1 AND &D1 ARE HONORS SECTIONS REQUIRING CONCURRENT REGISTRATION IN MATH. 149 SECTION &R.
                                                                            ER.

M W F.

M W F.
            REGISTRATION IN MATH. 149 SECTION
52244 LECT-DISC *&A1 8
51990 LECT-DISC A2 8
52002 LECT-DISC A3 8
52010 LECT-DISC A4 8
52027 LECT-DISC A5 8
52034 LECT-DISC B1 9
52041 LECT-DISC B2 9
52059 LECT-DISC B3 9
52066 LECT-DISC B3 19
                                                                                                                                     WEINBERG
                                                                                                    345
                                                                                                            A H
                                                                                                    205 H H
                                                                                                   168 E E B
156 ADMIN
                                                                                                   256 M E B
173 A H
                                                                                                 205 H H
256 M E B
156 ADMIN
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MATH
      142 CONTINUED
        52073
                    LECT-DISC C2
                                                                256
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                                                                      MEB
        52251
                    LECT-DISC *ED1
                                          11
                                                           F
                                                                 173
                                                                      A H
                                                                                       APPEL
        52081
                    LECT-DISC
                                D2
                                          11
                                                           F
                                                                 204
        52098
                    LECT-DISC
                                D3
                                          11
                                                                 60
                                                                      ME
                    LECT-DISC
        52109
                                 X 1
                                                                 173
                                                                      A H
                                          12
        52116
                    LECT-DISC
                                                                 447
                                 X2
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                                                                      A H
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        52123
                    LECT-DISC
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                                                                      ADMIN
        52131
                    LECT-DISC
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                    LECT-DISC
        52155
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        52162
                    LECT-DISC
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        52170
                    LECT-DISC
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                                                                245
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        52187
                    LECT-DISC
                                 F3
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        52194
                    LECT-DISC
                                G1
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        52205
                    LECT-DISC
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        52212
                    LECT-DISC
                                G3
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        52220
                    LECT-DISC
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                                                                 169
                                                                      АН
        52237
                    LECT-DISC
                                                                 445
                                H2
                                                           F
MATH 143
          PREREQUISITE: MATH. 133.
          5 HOURS
          *SECTION B1 IS FOR STUDENTS WHO HAVE COMPLETED MATH. 134.
          SECTIONS &C1 AND &E1 ARE HONORS SECTIONS AND REQUIRE CONCURRENT REGISTRATION IN MATH. 149 &S.
          *SECTIONS X1 AND F1 WILL HAVE TWO ADDITIONAL HOURS TO BE ARRANGED.
                                         8
                                                                347
                                                                     A H
        52269
                   LECT-DISC AL
                                                   MTUWTHE
                    LECT-DISC
                                                    MTUWTHE
        52276
                                A 2
                                           R
                                                                238
                                                                      ADMIN
        52283
                    LECT-DISC
                                Α3
                                           8
                                                    MTUWTHE
                                                                 245
                                                                      E E B
                    LECT-DISC *81
                                                                      ADMIN
        52380
                                          Q
                                                    MTUWTHE
                                                                 156
        52291
                    LECT-DISC
                                82
                                          9
                                                    MTUWTHF
                                                                 260
                                                                      MEB
        52415
                    LECT-DISC
                                EC1
                                         10
                                                    MTUWTHE
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        52301
                    LECT-DISC
                                          10
                                                    MTUWTHE
                                                                      MEB
                                C 2
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                                D1
                    LECT-DISC
                                                                      AH
        52319
                                          11
                                                    MTUWTHE
                                                                169
                    LECT-DISC
        52326
                                D2
                                          11
                                                    MTUWTHE
                                                                  56
                                                                      MEB
        52397
                    LECT-DISC *X1
                                          12
                                                    M W F
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                                                                      A H
                                                                                       SCHUBERT
                    LECT-DISC
                                £ E 1
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                                                                173
        52422
                                                                      A H
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                    LECT-DISC
                                                    MTUWTHE
                                                                      ADMIN
        52333
                                E2
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                                                                 238
                    LECT-DISC *F1
                                                    MWF
        52408
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                                                                      AH
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        52341
                    LECT-DISC
                                                                      ADMIN
                                           2
                                                                 238
        52358
                    LECT-DISC
                                                    MILLWITHE
                                                                      MEB
                                G2
                                           3
                                                                260
                                                    MTUWTHE
        52365
                                H1
                                           4
                                                                173
                                                                      A H
                    LECT-DISC H2
        52372
                                                    MTUWTHE
                                                                447
                                                                      A H
MATH
               HONORS COURSE IN MATHEMATICS.
          ENROLLMENT LIMITED TO STUDENTS WITH SUPERIOR MATHEMATICAL TALENTS.
          PREREQUISITE: REGISTRATION IN AN HONORS SECTION OF MATH. 120, 130,
          131, 140, OR 141; CONSENT OF THE DEPARTMENT.
          1 HOUR
          *SECTION &P REQUIRES CONCURRENT REGISTRATION IN MATH. 120 &A1. &C1.
          ED1 OR EE1.
          *SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 135 &A1
          OR & D1 .
          *SECTION &R REQUIRES CONCURRENT REGISTRATION IN MATH 142 &A1 OR &D1
*SECTION &S REQUIRES CONCURRENT REGISTRATION IN MATH 143 &C1 OR &E1
                    LECT-DISC *&P
        52430
                                       ARR
                    LECT-DISC *&Q
LECT-DISC *&R
LECT-DISC *&S
                                       ARR
        52447
        52454
                                       ARR
        52461
                                       ARR
MATH 161
              STATISTICS.
          PREREQUISITE: MATH. 111 OR 112, SOPHOMORE STANDING. *CREDIT IS NOT GIVEN FOR MATH. 161 IN ADDITION TO ECON. 171
          OR PSYCH. 135.
          #3 HOURS
          STUDENTS WHO HAVE COMPLETED A YEAR OF CALCULUS SHOULD ENROLL IN
          MATH 363 INSTEAD OF MATH 161.
        52479
                                                   M W F
                                                                165 A H
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11

156 ADMIN

52486

LECT-DISC DI

#### COURSES FOR ADVANCED UNDERGRADUATES

MATH MATHEMATICS FOR ELEMENTARY TEACHERS, I. 202 PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION. \*NO CREDIT FOR L. A. AND S. STUDENTS. \*5 HOURS LECT-DISC E1
LECT-DISC E2
LECT-DISC F1
LECT-DISC H1 MTUWTHE 110 L H 143 ADMIN 110 L H 110 L H 52493 1 2 52504 MTUWTHE 52511 PHILLIPS MTUWTHE 52529 4 MATHEMATICS FOR ELEMENTARY TEACHERS, II. MATH 203 PREREQUISITE: MATH. 202 OR CONSENT OF INSTRUCTOR. \*NO CREDIT FOR L. A. AND S. STUDENTS. \*3 HOURS 52536 LECT-DISC E1 LECT-DISC F1 M W F 149 ADMIN M W F 143 ADMIN PHILLIPS 52543 MATH 249 HONORS COURSE IN MATHEMATICS. PREREQUISITE: CONCURRENT REGISTRATION IN DESIGNATED HONORS SECTIONS OF CERTAIN ADVANCED UNDERGRADUATE MATHEMATICS COURSES. 1 HOUR \*SECTION &P REQUIRES CONCURRENT REGISTRATION IN MATH. 317 &F1. \*SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 347 &D1. \*SECTION &R REQUIRES CONCURRENT REGISTRATION IN MATH. 349 &E1. ARR 52551 LECT-DISC \*&P 52568 LECT-DISC \*&Q 52575 LECT-DISC \*&R ARR ARR MATH 263 STATISTICS IN ENGINEERING AND THE PHYSICAL SCIENCES. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT. 3 HOURS LECT-DISC B1 LECT-DISC C1 LECT-DISC G1 168 E E B 43 E E B 321 A H 52582 W 52590 10 М F WE 52601 3 MATH 287 INTRODUCTION TO NUMERICAL ANALYSIS. SAME AS C. S. 287.

PREREQUISITE: C. S. 101 OR 121, ONE YEAR OF CALCULUS, CONSENT OF INSTRUCTOR. 3 HOURS 52618 LECT-DISC M1 9-1030 TU TH 305 E H GILLIES MATH THESIS AND READING COURSE.

PREREQUISITE: MATH. 347 WITH GRADE OF B OR BETTER, OR CONSENT OF MATHEMATICS HONORS COMMITTEE. 2 HOURS CONF 52625 ADD COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES THE THEORY OF SETS AND THE REAL NUMBER SYSTEM.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF MATH 300 INSTRUCTOR.
3 HOURS OR 1 UNIT LECT-DISC 52632 C 1 10 W F TAKEUTI 102 52640 LECT-DISC E1 M W F A H 345 BOONE TOPICS IN GEOMETRY. MATH 302 PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT. OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 52657 LECT-DISC C1 52664 LECT-DISC F1 10 108 A H 345 A H М м MATH 303 ADVANCED ASPECTS OF EUCLIDEAN GEOMETRY. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT 52671 LECT-DISC D1 52689 LECT-DISC G1 11 110 A H

343 А Н

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TEACHERS COURSE.

MEETS FIRST SIX WEEKS AND LAST FOUR WEEKS OF SEMESTER.

PERREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF
MATH 305
                  INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
              52696
                                 LECT-DISC DI
                                                                         1.1
                                                                                          MITUMITHE
                                                                                                                   184 I H
MATH 306
                         SELECTED MATHEMATICAL TOPICS FOR SECONDARY SCHOOL TEACHERS, I.
                  PREREQUISITE: ONE YEAR OF SECONDARY SCHOOL TEACHING IN MATHEMATICS
                  OR CONSENT OF INSTRUCTOR.
                  3 HOURS, OR 1/2 OR 1 UNIT

7707 LECT-DISC D1

2714 LECT-DISC K
              52707
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                                                                                                                            A H
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MATH 311
                          ADVANCED ALGEBRA.
                  PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF
                  INSTRUCTOR.
3 HOURS OR 1 UNIT
                                  LECT-DISC B1 9
              52721
                                                                                          M W F 147 A H
                           INTRODUCTION TO SET THEORY AND MATHEMATICAL LOGIC.
                  PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
                  3 HOURS OR 1 UNIT
                                 LECT-DISC F1
                                                                                                                                                         SCHUPP
                  LINEAR TRANSFORMATIONS AND MATRICES.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
MATH 315
                  3 HOURS OR 1 UNIT
                  *SECTION AZ IS FOR STUDENTS WHO HAVE COMPLETED MATH. 134.
                                 LECT-DISC A1 B
               52746
                                                                                            M W F
                                                                                                               241 A H
              52803
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                                    LECT-DISC C1
LECT-DISC C2
              52753
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              52761
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                                                                                                                            ADMIN
                                    LECT-DISC N1
LECT-DISC X1
LECT-DISC G1
              52778
                                                                       1030-12
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                                                                                                                           A H
                                                                    12
                                                                                         MWF
              52785
                                                                                                                  241 A H
345 A H
              52792
                         INTRODUCTION TO HIGHER ALGEBRA, I.
MATH 317
                  PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
                  PREREQUISITE: TAIL TO SERVICE THE PRESENT OF THE PR
                  INSTRUCTOR'S RECOMMENDATION AND LIMITED TO UNDERGRADUATES ONLY.
                             LECT-DISC A1
LECT-DISC B1
LECT-DISC C1
LECT-DISC *&F1
                                                                                          M W F M W F M W F
              52811
                                                                     8
                                                                                                               243 A H
              52828
                                                                             9
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                                                                                                                             A H
                                                                                                                   343 A H
259 A H
               52835
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              52874
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              52842
                                    LECT-DISC G1
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              52850
                                    LECT-DISC
                                                         H1
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                                                                                                                   321
                                                                                                                              A H
                                    LECT-DISC N1
                                                                                                                   147 A H
              52867
                                                                    1030-12
                                                                                               TU TH
                          INTRODUCTION TO HIGHER ALGEBRA, II.
MATH 318
                  PREREQUISITE: MATH. 317.
                  3 HOURS OR 1 UNIT
                   *SECTION DI IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.
                               LECT-DISC AL
LECT-DISC C1
LECT-DISC *D1
               52881
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                                                                                                                           A H
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              52899
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              52900
                                    LECT-DISC
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                                    LECT-DISC
               52917
                                                          G1
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                                                                                                                             A H
                                    LECT-DISC
               52924
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                                                                                                                             A H
                                                                           2-330
                                                                                               TU TH
              52931
                                    LECT-DISC S1
                                                                                                                   110
                                                                                                                            A H
MATH 323
                          THE ELEMENTS OF GEOMETRY AND TOPOLOGY, I.
                  PREREQUISITE: MATH. 343.
                  3 HOURS OR 1 UNIT
                                  LECT-DISC G1
                                                                                                                   145 A H
                                                                                                                                                          TONDEUR
MATH
            324 ELEMENTS OF GEOMETRY AND TOPOLOGY. II.
                  PREREQUISITE: MATH. 323.
                  3 HOURS OR I UNIT
                                 LECT-DISC B1
              52963
                                                                          9 M W F 143 ADMIN
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VS

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INTRODUCTION TO PROJECTIVE GEOMETRY, 1.
MATH 327
           PREREQUISITE: MATH. 315 OR CONSENT OF INSTRUCTOR.
           3 HOURS OR 1 UNIT
           *SECTION C1 IS FOR STUDENTS WHO HAVE COMPLETED MATH. 315.
           *SECTION E1 CONSIDERS INTRODUCTION TO ALGEBRAIC CURVES.
                 LECT-DISC *C1 10 M W F 345 A H
LECT-DISC *E1 1 M W F 102 A H
                                                                                             R ALEXANDER
BABAKHANIAN
        52988
          INTRODUCTION TO SET THEORY AND TOPOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN MATH. 347.
MATH 332
           3 HOURS OR 1 UNIT
                     LECT-DISC C1 10
         52995
                                                          M W F 147 A H
                                                                                                CRAGGS
MATH
       341 DIFFERENTIAL EQUATIONS, I.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
           3 HOURS OR 1 UNIT
                      LECT-DISC F1
LECT-DISC F2
LECT-DISC G1
LECT-DISC G2
                                                                        321 A H
110 A H
441 A H
147 A H
         53008 LECT-DISC
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         53015
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                 LECT-DISC
MATH
                DIFFERENTIAL EQUATIONS, II.
          PREREQUISITE: MATH. 341.
           3 HOURS OR 1 UNIT
        53047 LECT-DISC F1
53054 LECT-DISC F2
53061 LECT-DISC G1
53079 LECT-DISC H1
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                                                          M W F M W F M W F
                                                                        341 A H
147 A H
443 A H
110 A H
                                                                                                 KNIGHT
MATH 343
                 ADVANCED CALCULUS.
          PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
           3 HOURS OR 1 UNIT
           *SECTION F1 IS RESTRICTED TO STUDENTS IN THE TEACHER TRAINING
          CURRICULUM IN MATHEMATICS.
        247
                                                                 F
                                                                        447
                                                                              A H
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                                                                              AH
                                                             W
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                                              9 M W F
10 M W F
11 M W F
1 M W F
2 M W F
2 M W F
3 M W F
4 M W F
                                                                                                PETERS
                                                                        314
                                                                              A H
                                             11
                                                                              A H
                                                                        155
                                                                         243
                                                                      321 A H
149 ADMIN
343 A H
143 ADMIN
341 A H
                                                                                                 BERNOT
MATH 345
                DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.
          PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT. *CREDIT IS NOT GIVEN FOR BOTH MATH. 345 AND MATH. 349.
           *3 HOURS OR 1 UNIT
                                                                       314 A H
43 E E B
56 M E B
155 A H
347 A H
245 A H
43 E E B
43 E E B
155 A H
159 A H
         53190 LECT-DISC
                    32
C1
C1
C1
C1
C1
C1
C1
C1
                                    A1
                                                                                                L ANGEBAR TEL
         53201
        53218 LECT-DISC
53225 LECT-DISC
53232 LECT-DISC
53240 LECT-DISC
53257 LECT-DISC
                                                                                                 RUBEL
                                                                                                  SCOTT
        53264
        53271
53289
53296
                                                                                                 ENSSUM
                                                                                                 B I SHOP
MATH 346
               COMPLEX VARIABLES AND APPLICATIONS.
        PREREQUISITE: MATH. 343 OR CONSENT OF INSTRUCTOR.
           *CREDIT IS NOT GIVEN FOR BOTH MATH. 346 AND MATH. 348. *3 HOURS OR 1 UNIT
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257 A H 441 A H 108 A H 343 A H

| DATE |

53307

53314 53321 53339

MATH	347 INTRODUCTION TO HIGHER ANALYSIS-REAL VARIABLES.	
	PREREQUISITE: MATH. 343 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT	
	*SECTION &DI IS AN HONDRS SECTION REQUIRING CONCURRENT	
	REGISTRATION IN MATH. 249 SECTION &Q.	
	*SECTION B1 IS RESTRICTED TO ACADEMIC YEAR INSTITUTE STUDENTS.	ZARING
	53346 LECT-DISC M1 9-1030 TU TH 257 A H	ZAKINO
	53353 LECT-DISC C1 10 M W F 347 A H	
	53392 LECT-DISC *&DI 11 M W F 159 A H	DIAMOND
	53378 LECT-DISC G1 3 M W F 445 A H	
	**SECTION BY IS RESTRICTED TO ACADEMIC TEAR INSTITUTE STODENTS.  53403 LECT-OISC **B1 9 M F 149 ADMIN  53346 LECT-OISC C1 10 M F 347 A H  53392 LECT-DISC **CD1 11 M W F 159 A H  53361 LECT-OISC E1 1 M W F 110 A H  53378 LECT-OISC G1 3 M W F 445 A H  53385 LECT-DISC H1 4 M W F 345 A H	
MATH		
	PREREQUISITE: MATH. 347.	
	*CREDIT IS NOT GIVEN FOR BOTH MATH. 346 AND 348.	
	*3 HOURS OR 1 UNIT 53411    LECT-DISC    B1	
	53428 LECT-DISC D1 11 M W F 345 A H	
MATH	349 DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.	
	PREREQUISITE: COMPLETION OF MATH. 347 WITH A GRADE OF 8 OR HIGHER,	
	AND, FOR UNDERGRADUATES, CONCURRENT REGISTRATION IN MATH. 249. *CREDIT IS NOT GIVEN FOR BOTH MATH. 349 AND MATH. 345.	
	*3 HOURS OR 1 UNIT SECTION RE1 IS AN HONORS SECTION AND REQUIRES CONCURRENT	
	SECTION SEL IS AN HONORS SECTION AND REQUIRES CONCURRENT	
	SECTION EEL IS AN HONORS SECTION AND REQUIRES CONCURRENT REGISTRATION IN MATH. 249 &R. 53435 LECT-DISC &EL 1 M W F 145 A H	BERNDT
		o c i i i i i i i i i i i i i i i i i i
	TORICO IN ADDITION WATERWATER	
MATH	351 TOPICS IN APPLIED MATHEMATICS. PREREQUISITE: MATH. 301 AND CONSENT OF INSTRUCTOR.	
	3 HOURS OR 1 UNIT	
	*SECTION S1 CONSIDERS DYNAMIC PROGRAMMING. 53442 LECT-DISC *S1 2-330 TU TH 145 A H	BROWN
	53442 LECT-015C *51 2-330 TO TH 145 A H	BRUWN
MATH	352 MULTIVARIATE REAL ANALYSIS. PREREQUISITE: MATH. 347.	
	3 HOURS OR 1 UNIT	
	53450 LECT-DISC G1 3 M W F 159 A H	BARTLE
MATH	353 ELEMENTARY THEORY OF NUMBERS, I. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.	
	3 HOURS OR 1 UNIT 53467 LECT-DISC C1 10 M W F 143 ADMIN	
	53467 LECT-DISC C1 10 M W F 143 ADMIN 53474 LECT-DISC E1 1 M W F 441 A H	
MATH	354 ELEMENTARY THEORY OF NUMBERS, II.	
	PREREQUISITE: MATH. 317 OR 353.	
	3 HOURS OR 1 UNIT 53481 LECT-DISC E1 1 M W F 152 ADMIN	
	53481 LECT-DISC E1 1 M W F 152 ADMIN	
MATH	361 THEORY OF PROBABILITY, I. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.	
	3 HOURS OR 1 UNIT 53499 LECT-DISC F1 2 M W F 155 A H 53500 LECT-DISC G1 3 M W F 149 ADMIN 53517 LECT-DISC H1 4 M W F 347 A H	RUBEL
	53500 LECT-DISC G1 3 M W F 149 ADMIN	J. C. TAYLOR
	SSSIT LECT-DISC HI 4 M W P S47 A H	ALLIMENE
MATH	362 FINITE DIFFERENCES. PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.	34
	3 HOURS OR 1 UNIT	0)
	53524 LECT-DISC F1 2 M W F 152 ADMIN	PETERS
MATH	363 ADVANCED STATISTICS, I.	4
	PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.	4
	3 HOURS OR 1 UNIT *SECTION F1 IS FOR STUDENTS IN BUSINESS AND SOCIAL SCIENCE.	
	*** Stellion FI IS FOR STODENIS IN BUSINESS AND SUCIAL SCIENCE.  53531	BLYTH
	53556 LECT-DISC *F1 2 M W F 159 A H 53549 LECT-DISC G1 3 M W F 43 E E B	BLYTH
	53549 LECT-DISC G1 3 M W F 43 E E B	

MATH 364 ADVANCED STATISTICS, PREREQUISITE: MATH. 363. 3 HOURS OR 1 UNIT ADVANCED STATISTICS, II. 53563 LECT-DISC B1 M W F 241 A H MILISMAN ANALYSIS OF VARIANCE.
PREREQUISITE: CREDIT OR CONCURRENT REGISTRATION IN MATH. 364 MATH 365 AND 315. 3 HOURS OR 1 UNIT LECT-DISC AL 53571 8 M W F 260 M F B STOUT 366 THEORY OF PROBABILITY.
PREREQUISITE: MATH. 361 OR 363.
3 HOURS OR 1 UNIT MATH 366 53588 LECT-DISC E1 1 M W F 147 A H KNIGHT VECTOR AND TENSOR ANALYSIS. PREREQUISITE: MATH. 343 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT LECT-DISC C1 10 M W F 149 ADMIN 53595 FRANCIS MATH 383 LINEAR PROGRAMMING. PREREQUISITE: ONE YEAR OF CALCULUS.
3 HOURS OR 1 UNIT 3 HOURS OR 1 UNIT 53606 LECT-DISC B1 9 M W F 441 A H MATH 387 NUMERICAL ANALYSIS. SAME AS C. S. 387.
PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 53613 LECT-DISC F1 M W F 156 ADMIN PHILLIPS MATHEMATICAL METHODS IN ENGINEERING AND SCIENCE. MATH 388 PREREQUISITE: MATH. 343. 3 HOURS OR 1 UNIT 3 HOURS UK I UNII
\*SECTION RI CONSIDERS APPLIED STATISTICS.
53621 LECT-DISC A1 8 M W F
53638 LECT-DISC B1 9 M W F
53645 LECT-DISC \*R1 1-4 TU 145 A H 443 A H 147 A H BOHRER MATH 391 BOOLEAN ALGEBRA AND SWITCHING THEORY.

SAME AS C. S. AND E. E. 391.

PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 53652 LECT-DISC C1 53660 LECT-DISC D1 10 11 M W F 245 E E B 245 E E B MUR OGA MULL ER MATH 392 INTRODUCTION TO AUTOMATA THEORY.

SAME AS C. S. AND E. E. 392.

PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

53677 LECT-DISC N1 1030-12 TU TH 156 ADMIN HOHN COURSES FOR GRADUATES O CREDIT

CONTROL LECT-DISC UI MATH 400 53684 4 TU TH 314 A H P RATEMAN HTAM SECOND COURSE IN ABSTRACT ALGEBRA, I. PREREQUISITE: MATH. 317 AND 318. 1 UNIT 11 247 A H 241 A H 241 A H 53691 53702 LECT-DISC DI LECT-DISC FI LECT-DISC GI M W F M W F PALEY DORNHOFF 2 53710 PREREQUISITE: MATH. 401. MATH 402 1 UNIT 53727 LECT-DISC G1 3 M W F

243 A H

BABAKHANIAN

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ALGEBRAIC NUMBER THEORY.
        PREREQUISITE: MATH. 401 AND 402 OR EQUIVALENT.
         1 UNIT
                                   1
                                              M W F 243 A H
       53734
                  LECT-DISC E1
                                                                           JANUSZ
MATH 406
             HOMOLOGICAL ALGEBRA.
       PREREQUISITE: MATH. 402 OR EQUIVALENT.
         1 UNIT
       53741
                                              M W F
                                                         245 A H
                  LECT-DISC G1
            GROUP REPRESENTATION THEORY.
MATH 407
       PREREQUISITE: MATH. 401, 402 OR EQUIVALENT.
         1 UNIT
       53759
                 LECT-DISC H1
                                              M W E
                                                          241 A H
                                                                               WALTER
MATH 410
            LOGICAL FOUNDATIONS OF MATHEMATICS. I.
        PREREQUISITE: MATH. 314 OR 317 OR 347 OR PHIL. 333 OR
         CONSENT OF INSTRUCTOR.
         1 UNIT
                                                                               APPEL
       53766
                 LECT-DISC C1
                                    10
                                                         321 A H
       11 LOGICAL FOUNDATIONS OF MATHEMATICS, II.
PREREQUISITE: MATH. 410.
MATH 411
         1 UNIT
                 LECT-DISC C1 10 M W F
      53773
                                                         241 A H
                                                                          JOCKUSCH
MATH 412
             RECURSIVE FUNCTION THEORY.
       PREREQUISITE: MATH. 410 OR CONSENT OF INSTRUCTOR.
         1 UNIT
                                            M W F
       53781
                 LECT-DISC C1
                                    10
                                                         243 A H
                                                                              BOONE
          SET THEORY.
MATH 413
       PREREQUISITE: MATH. 410.
         1 UNIT
      53798
                 LECT-DISC F1
                                              M W F
                                                         243 A H
                                                                              ZARING
                                      2
        ADVANCED TOPICS IN ABSTRACT ALGEBRA.
PREREQUISITE: CONSENT OF INSTRUCTOR.
MATH 416
         1 UNIT
         *SECTION B1 CONSIDERS UNIVERAL ALGEBRA.
         *SECTION B2 CONSIDERS RECURSIVE FUNCTION THEORY II.
         *SECTION C1 CONSIDERS GEOMETRIC ALGEBRA.
         *SECTION D1 CONSIDERS PROOF THEORY.
         *SECTION F1 CONSIDERS CLASS FIELD THEORY.
         *SECTION G1 CONSIDERS CATEGORY THEORY.
*SECTION G2 CONSIDERS COMBINATORIAL GROUP THEORY WITH APPLICATION
         TO WORD PROBLEMS.
      243 A H
245 A H
                                                                               WEINBERG
                                                                               MC LAUGHLIN
                 LECT-DISC *B2
LECT-DISC *C1 10
LECT-DISC *C1 10
LECT-DISC *F1 2
LECT-DISC *G1 3
LECT-DISC *G2 3
LECT-DISC *H2 4
LECT-DISC *H2 4
LECT-DISC *H2 4
LECT-DISC *Q1 1230-2
                                                           257 A H
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                                                                ΑН
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       53870
                                                TU TH
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                                                                               FRASCELLA
       53887
53894
53905
                                                M W F
TU TH
TU TH
                                                               A H
A H
                                                           257
                                                                               AUSL ANDER
                                              TU TH
                                                           341
                                                                               BROWN
                                                                              BISHOP
                                                           447
                                                               A H
MATH 420 PROJECTIVE GEOMETRY.
       PREREQUISITE: MATH 328.
         1 UNIT
                 LECT-DISC N1 1030-12 TU TH 143 ADMIN
                                                                              FOSSUM
       53912
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LECT-DISC M1 9-1030 TU TH 321 A H

AL BRECHT

DIFFERENTIABLE MANIFOLDS.

PREREQUISITE: MATH. 323-324 OR CONSENT OF INSTRUCTOR.

MATH 423

1 UNIT 53920

MATH 425 LINEAR ANALYSIS ON MANIFOLDS, I. PREREQUISITE: MATH. 423 AND 431, OR CONSENT OF INSTRUCTOR. 1 UNIT 53937 LECT-DISC F1 M W F KAMBER 245 A H MATH 428 TOPICS IN GEOMETRY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT \*SECTION D1 CONSIDERS COMPLEX MANIFOLDS. \*\*SECTION DI CUNSIDERS CUMPLEA MANIO DE RADOS.

\*\*SECTION HI CONSIDERS GEOMETRY OF NUMBERS.

\*\*SECTION HI CONSI 53944 53951 53969 ELEMENTARY GEOMETRY FROM A MODERN VIEWPOINT. MATH PREREQUISITE: ONE YEAR OF EXPERIENCE IN THE TEACHING OF HIGH SCHOOL MATHEMATICS, CONSENT OF INSTRUCTOR. 1 UNIT \*SECTION E1 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.
53976 LECT-DISC \*E1 1 M W F 247 A H WETZEL 1 ALGEBRAIC TOPOLOGY, I.
PREREQUISITE: MATH. 318 AND 332, OR CONSENT OF INSTRUCTOR. MATH 431 1 UNIT 53983 LECT-DISC B1 9 247 A H RAJAGOPALAN MATH 432 ALGEBRAIC TOPOLOGY, II. PREREQUISITE: MATH. 431. 1 UNIT 53991 245 A H LECT-DISC DI 11 7 VENGROWSK I MATH 433 FIBRE SPACES AND CHARACTERISTIC CLASSES. PREREQUISITE: MATH. 432. 1 UNIT LECT-DISC Q1 1230-2 54003 TH TH 241 A H OSBORN POLYHEDRAL TOPOLOGY. MATH 434 PREREQUISITE: MATH. 431 AND 435. 1 UNIT 54011 LECT-DISC E1 1 M W F 257 A H FINNEY MATH 435 GENERAL TOPOLOGY, I. PREREQUISITE: MATH. 332 OR CONSENT OF INSTRUCTOR. 1 UNIT 54028 LECT-DISC E1 1 241 A H JERR ARD MATH 436 GENERAL TOPOLOGY, II. PREREQUISITE: MATH. 435. 1 UNIT 54035 4 M W F LECT-DISC H1 247 A H HAMSTROM MATH 438 TOPICS IN TOPOLOGY. PREREQUISITE: CONSENT OF INSTRUCTOR. \*SECTION B1 CONSIDERS PLANE CURVES.
\*SECTION C1 CONSIDERS HOMOTOPY THEORY. 54042 LECT-DISC \*B1 9 M W F 54050 LECT-DISC \*C1 10 M W F 257 A H FRANCIS CHEN 40 THEORY OF FUNCTIONS OF A COMPLEX VARIABLE, I. PREREQUISITE: MATH. 348 OR CONSENT OF INSTRUCTOR. MATH 440 1 UNIT 54067 LECT-DISC D1 1.1 341 A H HEINS 441 REAL ANALYSIS, I.
PREREQUISITE: MATH. 347 OR EQUIVALENT. MATH 1 UNIT 54074 LECT-DISC E1 54081 LECT-DISC H1 PHILIPP 343 A H 54081 4 102 A H MILES

MATH	442 REA	AL ANALYSIS,									
	54099	LECT-DISC	F1	2	М	W	F	247	Α	Н	UHL
MATH	443 ORD PREREQUI EQUATION 1 UNIT	SITE: MATH.				RSE	<b>I</b> N (	BRDINA	RY	DIFFERENTIAL	
		LECT-DISC	В1	9	М	W	F	102	Α	н	BENZINGER
MATH	444 PAR PREREQUI 1 UNIT	TIAL DIFFER									
	54117	LECT-DISC	01	11	М	W	F	343	Α	н	BANK
MATH	PREREQUI	BERT SPACE.	442.								
	54124	LECT-DISC	Н1	4	М	W	F	243	Α	н	PERESSINI
MATH	PREREQUI	ACH SPACES. SITE: MATH.	447.								
	54131	LECT-DISC	F1	2	М	W	F	145	Α	Н	PECK
MATH	1 HNET	SITE: MATH.	442.								
	54149	LECT-DISC	C 1	10	М	W	F	259	Α	Н	KAUFMAN
MATH	450 ORD PREREQUI	ERED SPACES SITE: MATH.		447.							
	54156	LECT-DISC	G 1	3	М	W	F	108	Α	Н	LOTZ
MATH	451 THE PREREQUI	ORY OF PROBA	ABILITY, 442.	I.							
	54163	LECT-DISC	C 1	10	М	W	F	245	Α	Н	STOUT
MATH	1 UNIT	SITE: MATH.	317 AND	348.							
	54171	LECT-DISC	81	9	М	W	F	108	Α	Н	DIAMOND
MATH	1 UNIT	SITE: MATH.	348.								
	54188 54195	LECT-DISC	B 1 C 1	9	M M	W	F	110 341	A	н	BELFORD SCOTT
MATH	456 MAT PREREQUI 1 UNIT	HEMATICAL MI SITE: MATH.	ETHODS OF	PHYSICS	, I	. 1					
	54206	LECT-DISC	81	9	М	W	F	145	Α	н	WITZ
MATH	457 ADV SAM PREREQUI	ANCED NUMER: E AS C. S. 4 SITE: C. S.	1210		CON	SENT	OF.	INSTRI	JC 1	ror.	
	1 UNIT	LECT-DISC						217			SAYLOR

WOLFOWITZ

1 UNIT 54221 LECT-DISC D1 11 M W F 145 A H

MATH 463 INFORMATION THEORY.

SAME AS C. S. AND E. E. 463.

PREREQUISITE: MATH. 361 OR EQUIVALENT.

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MATH 465 TOPICS IN AUTOMATA THEORY.

SAME AS C. S. AND E. E. 465.

PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
           1 UNIT
                                                   M W F 241 A H
        54238
                   LECT-DISC D1
                                         11
                                                                                        METZE
              TOPICS IN ANALYSIS.
MATH 468
          PREREQUISITE: CONSENT OF INSTRUCTOR.
          1 UNIT
           *SECTION B1 CONSIDERS APPLICATION OF FOURIER ANALYSIS TO NUMBER
          THEORY.
          *SECTION D1 CONSIDERS NON-STANDARD ANALYSIS.
          *SECTION E1 CONSIDERS C* ALGEBRAS.
*SECTION E2 CONSIDERS MARTINGALE THEORY.
          *SECTION F1: TO BE ANNOUNCED.
          SECTION G1 CONSIDERS MARKOV PROCESSES.
          SECTION G2: TO BE ANNOUNCED.
          SECTION HI CONSIDERS PARTIAL DIFFERENTIAL EQUATIONS.

245 LECT-DISC *B1 9 M W F 259 A H
        54245
               LECT-DISC *B1
LECT-DISC *D1
                                            9 M W
                                                            F
                                                                                         STOLARSKY
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                                                                  259 A H
259 A H
        54252
                                          11
                                                    M W
        54260
                    LECT-DISC #E1
                                                            F
                                                                                          E BERKSON
                                           1
        54277
                    LECT-DISC #E2
                                                            F
                                                                  341 A H
                                                                                          BURKHOLDER
        54284
                    LECT-DISC *F1
                                                            F
                                                                  447
                                                                        Δ H
                                                                                          CHUNG
                                     2
3
3
        54291
54302
54310
                    LECT-DISC G1
LECT-DISC G2
                                                                  259 A H
                                                                                          HELMS
                    LECT-DISC G2
                                                            F
                                                                  247
                                                                        A H
                                                                                         DELANGE
                                                                  259
                                                                                         R CARROLL
                                                                        ΔН
      470 STATISTICAL DECISION FUNCTIONS.
MATH
        PREREQUISITE: CONSENT OF INSTRUCTOR.
          1 UNIT
        54327
                    AFCT-DISC D1
                                          1.1
                                                    M W F
                                                                 102 A H
                                                                                        MAMZLIW
        73 THE THEORY OF TESTING HYPOTHESES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
MATH
          1 UNIT
4334 LECT-DISC B1 9
        54334
                                                                  155 A H
                                                                                        BOHRER
MATH 478 TOPICS IN STATISTICS.
          PREREQUISITE: CONSENT OF INSTRUCTOR.
          1 UNIT
        54341
                    LECT-DISC EL
                                          2
                                                M W F
                                                                  102 A H
MATH 487 THEORY OF APPROXIMATION.
SAME AS C. S. 487.
PREREQUISITE: MATH. 318, MATH. 348, OR CONSENT OF INSTRUCTOR.
          1 UNIT
                                                                               BELFORD
                   LECT-DISC D1 11 M W F 108 A H
       54359
MATH 488 TOPICS IN APPLIED MATHEMATICS.
          PREREQUISITE: CONSENT OF INSTRUCTOR.
          1 UNIT
       *SECTION B1 CONSIDERS SCHWARTZ DISTRIBUTION THEORY.
*SECTION D1 CONSIDERS SINGULAR INTEGRAL EQUATIONS.
54366    LECT-DISC *B1 9 M F 341 A H
54373    LECT-DISC *D1 11 M W F 147 A H
                                                                                        LANGEBARTEL
TING
MATH 490 READING COURSE.
        PREREQUISITE: CONSENT OF INSTRUCTOR.
         1 TO 2 UNITS
        1 TO 2 UNITS
54381 CONF
54398 CONF
54409 CONF
                                 Α
                                        APP
                                                                                          STAFF
                                        ARR
                                                                                          STAFF
                                 В
                                        ARR
                                                                                          STAFF
       PREREQUISITE: CONSENT OF INSTRUCTOR.

0 TO 4 UNITS
MATH 499
```

54416 CONF ARR

STAFF

# COURSES FOR UNDERGRADUATES

M E 185 MATERIALS PROCESSING AND PRODUCTION TECHNOLOGY.

PREREQUISITE: CHEM. 102 (NEM), PHYCS. 106, AND CREDIT OR
REGISTRATION IN MATH. 142 OR 143.

4 HUUKS								
54423	LECT-DISC	3L1	9	4 N F	218	M	E !	В
	LAB	BL1	9-12	TU	217	M	5	В
		BL 1	9-12	TU	218	M 9	E 8	3
54431	LECT-DISC	BL3	9	M W F	218	M	E	8
	LAB	BL3	9-12	TH	217	M 3	E	В
		8L3	9-12	TH	218	M !	E 8	8
54448	LECT-DISC	CQI	10	4 W F	218	M	E !	В
	LAB	CQI	2-5	TU	217	M I	E (	В
		COL	2-5	Till	218	14 3	F	А

M E 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*O TO 9 HOURS 54455 CONF Y ARR

## COURSES FOR ADVANCED UNDERGRADUATES

M E 202 THERMODYNAMICS AND HEAT TRANSFER.

PREREQUISITE: MATH. 345, PHYCS. 107, T. A. M. 154 OR 211.

3 HOURS

54462 LECT-DISC A B M W F 135 M E

LECT-DISC E 110 M E 8 5447C В g 14 W 10 54487 C M W E 253 MFB F LECT-DISC 1 54494 E 14 4 110 M E B MEB 54505 LECT-DISC F 141 E 332 54512 LECT-DISC G 3 204 MEL

M E 205 THERMODYNAMICS.

PREREQUISITE: MATH. 142 OR 143, PHYCS. 107.

3 HOURS LECT-DISC EC1 135 M E B 10-12 135 M E B 54520 LECT-DISC C2 10 236 H E B 10-12 236 C2 03 54537 LECT-DISC 10 110 E B C 3 10-12 110 ME LECT-DISC Gl ч M F 54544 135 3 3-5 51 135 MEB ۶ 54551 LECT-DISC G2 3 14 236 MF A

G2 3-5 236 ME В 54569 LECT-DISC F G3 3 336 ME R 3-5 G3 336 MFR

M E 206 THERMODYNAMICS.

PREREQUISITE: M. E. 205.

3 HOURS

253 54583 LECT-DISC B2 LECT-DISC F1 LECT-DISC B1 9 4 E B 54591 9 ч и F 204 MEL 4 W MEB 54601 F 218 54619

M E 207 THERMODYNAMICS.
PREREQUISITE: MATH. 142 OR 143 AND PHYCS. 107.
3 HOURS

· STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE DISC SECTION. LECT 31 218 M E B 54626 3 M W F M W G2 F MEB 54633 LECT 3 253 54641 LECT H 1. F 204 ME DISC TH 54658 Pl 1 344 MEB 344 54665 Q1 2 TU MF B 54672 DISC R1 3 TU 344 M E 8 S1 P3 54680 DISC 4 TU 253 ME 8 TH 54697 DISC 1 344 4 E Q3 R3 S3 54708 DISC 2 TH 344 ME В DISC 54715 TH 344 M E B 253 M E B 54722 TH

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PREREQUISITE: MATH. 142 OR 143, PHYCS. 107.
          3 HOURS
                                                    M W F M W F
                                                               236 M E B
                    LECT-DISC B1
LECT-DISC B2
LECT-DISC F
        54730
        54747
                                          9
                                                                135 M E B
                                          2
        54754
                                                                236
          O INTRODUCTION TO ENGINEERING EXPERIMENTATION.
PREREQUISITE: REGISTRATION IN MATH. 345 AND M. E. 220.
ME
          3 HOURS
          STUDENTS MUST REGISTER IN LECTURE-DISC. AND IN ONE LAB SECTION.

804 LECT-DISC A 8 M F 110 M E B

761 LAB L1 9-12 TU M E LAB
        54804 LECT-DISC A 8 M
54761 LAB L1 9-12 T
                    LAB
                                                      TH
                                                        TH ME LAB
TH ME LAB
                                           9-12
        54779
                                L3
                                          2-5
                                                   LI
        54786
        54786
54793
                    LAB
                                Q1
                   LAB
                                Q3
       211 INTRODUCTORY GAS DYNAMICS.
          PREREQUISITE: MATH. 345, PHYSC. 107, AND M. E. 210(CR CONCURRENTLY)
          3 HOURS
        54811
                    LECT-DISC
                                                                 236
               LECT-DISC
LECT-DISC
LECT-DISC
                                В
                                           9
                                                    M W
                                                          F
                                                                 343
        54829
                                E
                                                    м м
                                                          F
                                                                 218
        54836
                                          1
                                                                 319
        54843
           HEAT TRANSFER.
M E
          PREREQUISITE: M. E. 211.
          3 HOURS
                   LECT-DISC A
       54851
54868
                                          8
                                                  M W F
                                                                332 M E B
                                                                253
                                                                     MFR
ME
              MECHANICS OF MACHINERY.
          PREREQUISITE: T. A. M. 154 OR 156, OR REGISTRATION IN T. A. M. 211,
          AND CREDIT OR REGISTRATION IN C. S. 101.
          4 HOURS
        54875
                   LAB-DISC A
LAB-DISC C
LAB-DISC E
                                                                353 M E B
                                         10-12 M W F
                                                                      MEB
        54882
                                                                353
        54890
                                                                353
      224 DESIGN OF MACHINE ELEMENTS.
PREREQUISITE: M. E. 220 OR 221; T. A. M. 221; CREDIT OR
REGISTRATION IN T. A. M. 223.
ME
          3 HOURS
        54901
                    LECT-DISC AL
                                          8-10
                                                   M W F
                                                                336
                                                                      MFR
                                                   W W E E W W E E
                               A 2
C 1
                                                                      MF
        54918
                    LECT-DISC
                                           8-10
                                                                 344
                                         10-12
        54925
                    LECT-DISC
                                                                 336
                                                                     MFR
                                         10-12
        54932
                    LECT-DISC
                                C 2
                                                                 344
                                                                      MEB
                  LECT-DISC E1
        54940
                                         1-3
                                                                 336
        54957
мЕ
              HEAT TREATMENT OF METALS.
          PREREQUISITE: T. A. M. 221, CREDIT OR REGISTRATION IN M. E. 224 AND
          T. A. M. 223.
          3 HOURS
          STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB SECTION.
                    LECT K 8 TU TH 110 M E B
LECT D 11 M F 110 M F P
        54964
        54971
                                P
L1
L1
L3
L3
                                                     TU TH
                                                                      MEB
        54989
                    LECT
                                          9-12
        54996
                    IAR
                                                     TU
                                                                 110
                                          9-12 TU
9-12 TH
9-12 TH
                                                                114
                                                                      MFR
        55009
                    1 AB
                                                                110
                                                                      H F B
                                                                 114
                                          9-12
2-5
TU
2-5
2-5
2-5
2-5
2-5
4
        55016
                   LAB
                                                    TU
                                                                 110
                                                                      MER
                                 Q1
Q3
                                                                114
        55023
                    LAB
                                                        TH
                                                                      MFB
                                 Q3
                                                        TH
                                                                114
                                                                      M E B
        55031
                   LAB
                                 F
                                                                110
                                                                      MEB
                                                                114 M E B
         THERMO SCIENCE LABORATORY.

REREQUISITE: M. E. 205 AND 213.
ME
          3 HOURS
                                                         F
        55048
                    LAB
                                                                319 M E L
                                           9-12
                                                               320 M E L
101 M E B
                                 B
                                           9-12
9-12
                                                  M
                                 R
```

THERMODYNAMICS AND HEAT TRANSFER.

M F 209

M E LAB

9-12

R

```
4 HOURS
                                                                    101 ARMORY
                                                       MTUWTH
        55055
                     LECT-DISC D
                                            11
          4 HEAT TRANSFER AND GAS DYNAMICS.
PREREQUISITE: M. E. 205, CREDIT OR REGISTRATION IN T. A. M. 235.
*CREDIT IS NOT GIVEN FOR BOTH M. E. 254 AND 212.
M F
           *3 HOURS
                  LECT-DISC D
                                                       M W F 204 M E L
        55062
                                            11
       256 INTERNAL COMBUSTION ENGINES.
M E
          PREREQUISITE: M. E. 206.
           3 HOURS
                     LECT-DISC L 9 TU TH
LECT-DISC Q 2 TU TH
LAB M1 10-12 TU
LAB M3 10-12 TH
LAB R1 3-5 TU
LAB R3 3-5 TH
         55070
                                                                      253 M E B
        55087
                                                                     236
                                                                            MEB
                                                                      101
        55094
                                                                            MEB
         55105
                                                                      101
                                                                            MEB
        55112
                                                                            MEB
                                                                      101
        55120
                                                                     101
                                                                           MFR
          7 GAS TURBINES.
PREREQUISITE: M. E. 206, AND 212 OR EQUIVALENT.
M E
        55137
                  LECT-DISC L 9 TU TH 236 M E B
LAB M1 10-12 TU 101 M E B
LAB M3 10-12 TH 101 M E B
        55144
        55151
         PREREQUISITE: M. E. 206 AND 212.
M E
       259
        3 HOURS
55169 LECT-DISC G 3 M W F
                                                                     353 M E B
             APPLICATION OF ENERGY CONCEPTS TO POWER PROCESSES.
MF
       263
          PREREQUISITE: M. E. 206 AND 212.
          5 HOURS
                                                        M W F
TU TH
        55176
                     LECT-DISC A
                                                                     204
                                                                           MFI
                     LAB M
        55183
                                            10-12
                                                                     204 M E L
101 M E B
                                   М
                                             10-12
                                                         TU TH
                                                        TU TH ME LAB
TU TH 204 ME L
TU TH 101 ME B
TU TH 101 ME B
TU TH ME LAB
                                   М
                                            10-12
                                            1-3
1-3
1-3
        55191 LAB
                                   Ρ
                                   Р
                                   Р
M E
               HEAT POWER LABORATORY.
         PREREQUISITE: M. E. 212 AND 263.
           3 HOURS
                                            10-12 M W F 112 M E L 10-12 M W F 101 M E 8 10-12 M W F M E L AB 1-3 M W F 101 M E 8 1-3 M W F 101 M E 8 1-3 M W F 101 M E 8
        55201
                                   C.
                     1 AR
                                   C
                                   Ċ.
        55219
                      LAB
                                  - 8
                                                           WF
                                  Ε
                                                                  M E LAB
                                   F
                                              1-3
          PRINCIPLES OF CONTROL SYSTEMS.

PREREQUISITE: M. E. 210 OR SENIOR STANDING, OR CONSENT OF
M E
           INSTRUCTOR.
           3 HOURS
           STUDENTS MUST REGISTER IN LECT-DISC AND IN ONE LAB SECTION.
                     LECT-DISC A 8 M F
LAB L1 9-12 TU
         55226
                                                                     253 M E B
                     LAB
         55233
                                                                     M E LAB
                                                          TH MELAB
                     LAB L3
LAB Q1
LAB Q3
        55241
                                              9-12
                                                        TU
                                             2-5
        5525R
        55265
       271 DESIGN OF MACHINE ELEMENTS.
PREREQUISITE: M. E. 224.
M E
           3 HOURS
           *SECTION &E1 IS AN HONORS SECTION.
                                                     M W F M W F M W F M W F
        55272 LECT-DISC A1 8-10
55280 LECT-DISC C1 10-12
                                                                     335 M E B
                                                                     349 M E B
349 M E B
        55315 LECT-DISC *&E1 1-3
55297 LECT-DISC E2 1-3
55308 LECT-DISC F1 2-4
                                                                     249 M E B
```

HEATING AND AIR CONDITIONING FOR ARCHITECTS.
PREREQUISITE: JUNIOR STANDING.

ME

343 M E B

MF WELDING ENGINEERING. PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR. 3 HOURS 55322 LECT-DISC GM1 3 335 GM1 TU 335 MEB TU GM1 10-12 LAB 215 OO SENIOR PROJECT LABORATORY. PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING. ME 290 2 HOURS CONF Y 55330 ARR 291 SEMINAR.

PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING, MUST BE TAKEN FIRST SEMESTER OF SENIOR YEAR. ME O CREDIT 218 M E B M E SPECIAL PROJECTS. 293 PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING, CONSENT OF HEAD OF DEPARTMENT. 3 HOURS 55354 CONF ARR 2 YY ZZ 55361 CONF ARR 55379 CONF 9 M W F 101 WOODSHOP 10 CONE 55386 6 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR. MF 296 1 TO 4 HOURS CONF &Z ARR 55393 7 HONORS SEMINAR. PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR. ME 1 TO 4 HOURS &R 3-5 55404 CONF TH 135 M E B COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES THERMODYNAMICS.

PREREQUISITE: M. E. 206, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT M E 3 M W F 344 M E B 55411 LECT 500 M E NUCLEAR POWER ENGINEERING. SAME AS NUC. E. 302.
PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT LECT-DISC 55429 9 M W F 235 M E B D5 THERMODYNAMICS OF HIGH VELOCITY FLOW.
PREREQUISITE: M. E. 206 OR 211 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT MF 11 LECT-DISC M W F 218 M E B 55436 ADDY, WHITE INDUSTRIAL HEAT TRANSFER. MF PREREQUISITE: UNDERGRADUATE COURSES IN FLUID MECHANICS AND HEAT TRANSFER. 4 HOURS OR 1 UNIT LECT-DISC 3~5 TU TH 204 M E L CLAUSING. HERING 9 EXPERIMENTAL GAS DYNAMICS.
PREREQUISITE: M. E. 211 OR 305 OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT
5451 LECT-DISC ARR M E ADDY, CHOW,

55451

WHITE

M E	311 INST	RUMENTATION A	ND MEASURE	MENTS.					
	PREREQUIS	ITE: SENIOR S	TANDING IN		RING OR S	SCIEN	CE.		
		URS, OR 3/4 O LECT	9	м	W F	132	AGR	ENG	YDERGER
	55475	LAB 1	2-4		W :		A GR A GR	EN6	YO ER GER
	55482	LAB 2	9-1	U	ιп .	121	AGF	ENG	YOERGER
M E	312 THEO	RY OF CONTROL	S.						
		ITE: SENIOR S OR 3/4 OR 1 U		CONSENT	OF INST	RUCTO	R.		
	55490	LECT	1	М	w F	236	мЕ	В	KLEIN
M E	PREREQUIS	GN OF THERMAL ITE: M. E. 20	6, 211 AND	213.					
	3 HOURS,	OR 3/4 OR 1 U MUST REGISTE	NIT		ND IN ON	FIAR	ORAT	ORY.	
	55501	LECT R		TU	TH :	253	ME	В	STOECKER STOECKER
		LAB S	4		TH	344	ME	В	STOECKER
M E		RY OF INTERNALITE: UNDERGRA				OMBILE	TION	ENCINES	
	OR CONSEN	T OF INSTRUCT	OR.	SE IN IN	TERNAL CO	UMBUS	LION	ENGINES	
		OR 3/4 TO 1 L LECT-DISC	ARR						HULL
M E	341 ENGI	NEERING ANALY	SIS AND DE	SIGN.	00 0011	CENT	05.1		
	3 HOURS.	ITE: M. E. 27 OR 3/4 OR 1 U	NIT						
	55540 55557	LECT-DISC A LECT-DISC L	8-1	0 M 2 TU		249 249			ADKINS OFFNER
M E	342 KINE	MATIC ANALYSI	S AND SYNT	HESIS.					
	STANDING ,	OR CONSENT C	F INSTRUCT		NEMATICS	ANU	2FNI	UK	
		OR 3/4 OR 1 L LECT-DISC	T INI	М	W F	343	M E	В	BROGHAMER
			COURSES	FOR GRAD	UATES				
M E		MODYNAMICS AN ITE: M. E. 30							
	1 UNIT	LECT-DISC	10-1			344	ме	D	SOG
	33371	LECT-013C	10-1	2 10	tn .	344	M E	В	300
M E	404 GAS								
	PREREQUIS MECHANICS	ITE: DIFFEREN	TIAL EQUAT	IONS, TH	ER MODYNA	MICS,	FLU	ID	
	1 UNIT	LECT-DISC	2 5	T11	THE	22/	ч г	D.	ADDY . CHOW.
	22287	reci-Disc	3-5	10	TH :	336	PH E	В	KORST
M E	PREREQUIES	CTED TOPICS I	N GAS DYNA	MICS.					
	1 UNIT								
	55596	LECT-DISC	ARR						CHOW, KORST
M E	408 LABO	RATORY INVEST	IGATIONS I	N THERMO	DYNAMICS				
	PREREQUIS	ITE: ONE-YEAR	COURSE IN	THERMOD	YNAMICS,	ONE	HALF	-YEAR	
	1/2 TO 1	1/2 UNITS							
	55607	CONF	ARR						MORRISON, PETRIE, SOO,
									STUKEL

409 LABORATORY INVESTIGATIONS IN FLUID FLOW, HEAT TRANSFER, AND M E COMBUSTION PREREQUISITE: COURSES IN THERMODYNAMICS AND FLUID MECHANICS. ARR

1/2 TO 1 1/2 UNITS 614 CONF 55614

ADDY, BAIR, CHOW, HERING CHATO, WHITE, KORST, SAVAGE,

M F 410 THERMAL RADIATION.

PREREQUISITE: M. E. 306 DR CONSENT OF INSTRUCTOR.

1 UNIT 55621

LECT-DISC

1-3 M W 243 M E B HERING

CHAO

M F 421 ENVIRONMENTAL CONTROL.

SAME AS ARCH. 421.

PREREQUISITE: UNDERGRADUATE DEGREE IN ARCHITECTURAL OR MECHANICAL ENGINEERING, OR CONSENT OF INSTRUCTOR.

1 UNIT

55639

10-12 TU TH 336 M E B

M E INVESTIGATIONS IN THERMAL SYSTEMS.

1/2 TO 1 1/2 UNITS 5646 CONF

55646

ARR

CHATO. PEDERSEN, STORCKER

INVESTIGATIONS IN ENVIRONMENTAL CONTROL. ME

PREREQUISITE: TWO SEMESTERS OF POWER LABORATORY OR EQUIVALENT. 1/2 TO 1 1/2 UNITS

CONF

PEDERSEN. STOECKER

LABORATORY INVESTIGATIONS IN POWER MACHINERY. M E 438 PREREQUISITE: ONE-YEAR COURSE IN POWER LABORATORY.

1/2 TO 1 1/2 UNITS 5661 CONF 55661

HEBRANK, HULL,

MILES, STROUT

DYNAMICS OF MACHINERY. ME 443

PREREQUISITE: UNDERGRADUATE COURSE IN DYNAMICS OF MACHINES, ONE YEAR OF MACHINE DESIGN.

1 UNIT

55678 LECT-DISC M W F 335 M E B

LARSON

445 DESIGN OF INTERNAL COMBUSTION ENGINES. M E

PREREQUISITE: UNDERGRADUATE COURSES IN DYNAMICS OF MACHINES AND IN INTERNAL COMBUSTION ENGINES, ONE YEAR OF MACHINE DESIGN.

1 UNIT

55685

LECT-DISC

HULL

LABORATORY INVESTIGATIONS IN MACHINE DESIGN. MF

1/2 TO 1 1/2 UNITS 55692 ARR

ADKINS, LARSON BROGHAMER, OFFNER. RADZIMOVSKY

M E THEORY OF METAL CUTTING.

PREREQUISITE: UNDERGRADUATE COURSE IN PRINCIPLES OF METAL CUTTING.
AND HEAT TREATMENT OF METALS OR PHYSICAL METALLURGY.

1 UNIT 55703

DISC

2-4

TU TH 235 M F B TRIGGER

MF LABORATORY INVESTIGATIONS IN PRODUCTION.

1/2 TO 1 1/2 UNITS 55711 CONF

55711

ARR

BARDES, KLEIN, LEACH, TRIGGER TURKOVICH

М

KONZO, SAVAGE

E	499	THESIS RESEARC	н.	
	0 TO	4 UNITS		
	55735	CONF	ALA	ARR
	55742	CONF	RWA	ARR
	55 <b>7</b> 50	C ONF	WEB	ARR
	55767	CONF	ELB	ARR
	55774	CONF	BTC	ARR
	55781	CONF	JCC	ARR
	55799	CONF	WLC	ARR
	55800	CONF	AMC	ARR
	55817	CONF	MID	ARR
	55824	CONF	LED	ARR
	55831	CONF	JD	ARR
	55849	CONF	RGH	ARR
	55856	CONF	BAH	ARR
	55863	CONF	WLH	ARR
	55871	CONF	BGJ	ARR
	55888	CONF	REK	ARR
	55895	CONF	HHK	ARR
	55906	CONF	CSL	ARR
	55913	CONF	FAM	ARR
	55921	CONF	DHO	ARR
	55938	CONF	COP	APR
	55945	CONF	LCP	ARR
	55952	CONF	EIR	ARR
	55960	CONF	LDS	ARR
	55977	CONF	SLS	ARR
	55984	CONF	WFS	ARR
	55991	CONF	JJS	ARR
	56004	CONF	KJT	ARR
	56011	CONF	BFT	ARR
	56029	CONF	RW1	ARR
	56036	CONF	RW2	ARR

ADDY ADKINS BAIR BROGHAMER CHAO CHATO CHOW CLAUSING DESSOUKY DOYLE DUNCAN HERING HERTIG HULL **JONES** KLEIN KORST LARSON MORR I SON OFFNER PEDERSEN PIGAGE RADZIMOVSKY SAVAGE son STOECKER STUKEL TRIGGER TURKOVICH WALLHAUS WHITE

# MEDIEVAL CIVILIZATION STUDIES PROGRAM

MAJOR: STUDENTS WHO ELECT MEDIEVAL CIVILIZATION AS A MAJOR MUST COMPLETE THE LOWER DIVISION REQUIREMENTS OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES AND FORTY SEMESTER HOURS (WHICH SATISFIES BOTH MAJOR AND MINOR REQUIREMENTS) IN COURSES CHOSEN FROM THE FOLLOWING LIST: ARCH. 214; ART 308 OR 309; CLCIV. 301, 302; ENGL. 311; HIST. 301, 302, 303, 304, 305, 333, 345; ITAL. 311, 312; LAT. 104; PHIL. 304; SPCH. 361. OTHER COURSES MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ADVISER; ADVANCED READING COURSES IN ANY FOREIGN LANGUAGE OFFERED BY THE UNIVERSITY ARE STRONGLY RECOMMENDED. ADVISER; PROFESSOR DONALO E. QUELLER, 322 ARMORY.

## METALLURGICAL ENGINEERING

DEPARTMENT OFFICE

201 M M B

COURSES FOR UNDERGRADUATES

MET E 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED.

\*0 TO 9 HOURS

CONF 56043

ARR

COURSES FOR ADVANCED UNDERGRADUATES

PHYSICAL METALLURGY, I. MET E 201 PREREQUISITE: PHYCS. 107.

3 HOURS

56051 LECT-DISC 11 M W F 305 M M B

PHYSICAL METALLURGY LABORATORY, I.

PREREQUISITE: REGISTRATION IN MET. E. 201. MET E 203

1 HOUR 068 LAB 56068 LAB

Α

B

2-5 M 2-5

212 M M B 212 M M B

EXTRACTIVE METALLURGY.

PREREQUISITE: JUNIOR STANDING IN METALLURGICAL ENGINEERING OR

EQUIVALENT.

3 HOURS 56082 LECT-DISC

MET E 251

PHYSICAL METALLURGY, III.
PREREQUISITE: MET. E. 201 AND 203.
\*CREDIT NOT ALLOWED FOR MET. E. 251 IN ADDITION TO MET. E. 387.

\*3 HOURS

56090 LECT-DISC M W F 305 M M B

9 M W F 305 M M B

PHYSICAL METALLURGY LABORATORY, III.
PREREQUISITE: REGISTRATION IN MET. E. 251.

3 HOURS

56101

TU TH

TH

TU

212 M M B

METALLURGICAL SEMINAR.

PREREQUISITE: SENIOR STANDING IN METALLURGICAL ENGINEERING.

1 HOUR

56118 CONE CONF 56125

Δ В

9

403 M M B

MET E 299 THE SIS.

PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.

1 TO 3 HOURS

56132 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MET E 302

2 POWDER METALLURGY. PREREQUISITE: APPROVAL OF DEPARTMENT, REGISTRATION IN MET. E. 304, SENIOR STANDING.
2 HOURS, OR 1/2 OR 3/4 UNIT
LECT-DISC
110

56140

TU TH 305 M M B

MET E 304

POWDER METALLURGY LABORATORY.
PREREQUISITE: APPROVAL OF DEPARTMENT, REGISTRATION IN MET. E. 302,

SENIOR STANDING.

1 HOUR OR 1/4 UNIT

56157 LAB 56164 LAB

2-5 9-12 112 112

CORROSION OF METALS.

PREREQUISITE: M. E. 234 OR EQUIVALENT.

3 HOURS, OR 3/4 OR 1 UNIT

56171 LECT-DISC 10 M

56171

M W F 403 M M B

ADVANCED PHASE DIAGRAMS. MET E 311 PREREQUISITE: MET. E. 201, OR EQUIVALENT. 2 HOURS OR 1/2 UNIT 56189 LECT-DISC 305 M M B METALLURGICAL KINETICS.
PREREQUISITE: MET. E. 208 AND 314.
3 HOURS OR 3/4 UNIT MET E 315 11 M W F 403 M M B 56196 LECT-DISC PHYSICAL METALLURGY FOR ENGINEERS.
PREREQUISITE: CREDIT OR REGISTRATION IN T. A. M. 221, OR A. A. E. 224, DR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT
56207 LECT-DISC A 10
56214 LECT-DISC B 1 305 M M B 305 MET E 384 PROPERTIES OF SOLIDS. SAME AS E. E. 384. PREREQUISITE: PHYCS. 383. PREREQUISITE: PHYCS. 383.

3 HOURS OR 3/4 UNIT

\*\*SECTION &B IS AN HONORS SECTION.

5221 LECT-DISC A 8

5239 LECT-DISC B 9

5246 LECT-DISC C 11

5253 LECT-DISC \*&B 9 56221 M W M W 403 56239 F 119 M M 8 56246 151 EEB 56253 57 ELECTRON MICROSCOPY AND DIFFRACTION THEORY. PREREQUISITE: MET. E. 310 OR EQUIVALENT. 3 HOURS OR 1 UNIT LECT-DISC 56261 1-230 TU TH 305 M M B

MET E 387 ADVANCED PHYSICAL METALLURGY.

PREREQUISITE: MET. E. 201 OR 334 OR CONSENT OF INSTRUCTOR.

\*CREDIT NOT ALLOWED FOR MET. E. 387 IN ADDITION TO MET. E. 208 OR

251.

\*3 HOURS OR 3/4 UNIT

56278 LECT-DISC 1 M W F 403 M M B

MET E 388 ADVANCED PHYSICAL METALLURGY LABORATORY.

PREREQUISITE: REGISTRATION IN MET. E. 387, OR CONSENT OF INSTRUCTOR

3 HOURS OR 3/4 UNIT

56285 LAB 2-5 TU TH 306 M M B

# COURSES FOR GRADUATES

MET E 407 PLASTIC DEFORMATION AND ANNEALING OF METALS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT

56292 LECT-DISC 3-5 TH 305 M M B 3 F 305 M M B

MET E 409 CRYSTAL PHYSICS.

PREREQUISITE: CONSENT OF INSTRUCTOR, BACKGROUND REQUIRED INCLUDES
VECTOR ALGEBRA, DETERMINANTS, AND THERMODYNAMCIS.

1 UNIT
56303 LECT-DISC 830~10 TU TH 305 M M B

MET E 420 METALLURGICAL THERMODYNAMICS.

PREREQUISITE: MET. E. 314 OR EQUIVALENT.

1 UNIT

56311 LECT-DISC 9 M W F 403 M M B

MET E 485 METALLURGICAL ENGINEERING PROBLEMS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/4 TO 2 UNITS

56328 CONF ARR

MET E 486 LABORATORY INVESTIGATIONS IN METALLURGY.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/4 OR 1/2 UNIT

56335 CONF ARR

92 SEMINAR ON SURFACES. PREREQUISITE: CONSENT OF INSTRUCTOR. O OR 1/4 UNIT 56342 CONF 3

TU 56342 403 M M B

SEMINAR ON ANELASTICITY.

PREREQUISITE: CONSENT OF INSTRUCTOR. 0 OR 1/4 UNIT

56350 CONE

3-5 TU 305 M M B

SEMINAR ON PHASE TRANSFORMATIONS IN METALS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT

403 M M B 56367 CONF В 56374 CONE

SEMINAR ON DIFFUSION AND IMPERFECTIONS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT 56381

TH 403 M M B

MET E 497 SEMINAR ON ALLOY PHASES.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT 56399 CONF

305 M M 8

MET E 498 COLLOQUIUM IN PHYSICAL METALLURGY.

REQUIRED OF ALL GRADUATE STUDENTS IN METALLURGICAL ENGINEERING. O CREDIT

LECT

THESIS RESEARCH. MET E 499 O TO 4 UNITS

56417 ARR

# MICROBIOLOGY

DEPARTMENT OFFICE

131 BUR HALL

MAJOR: BIOLOGY 110-111 AND TWENTY HOURS OF MICROBIOLOGY COURSES INCLUDING MICROBIOLOGY 200-201. BIOLOGY 210 AND 211 MAY BE SUBSTITUTED FOR MICROBIOLOGY COURSES. IN ADDITION, QUANTITATIVE AND ORGANIC CHEMISTRY, MATHEMATICS THROUGH TRIGONOMENTRY AND ONE YEAR OF PHYSICS ARE REQUIRED. CPEDIT MUST ALSO BE PRESENTED IN ONE COURSE TO BE SELECTED FROM CALCULUS, STATISTICS, OR COMPUTER SCIENCE, AND ONE COURSE TO BE SELECTED FROM PHYSICAL CHEMISTRY OR BIOCHEMISTRY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ASTRONOMY, BIOLOGY, BOTANY, CHEMISTRY, ENTOMOLOGY, MATHEMATICS, PHYSICS, PHYSIOLOGY, AND ZOOLOGY. NO COURSE MAY APPLY TO BOTH THE MAJOR AND THE MINOR.

# COURSES FOR UNDERGRADUATES

MCBIO 100

O INTRODUCTORY MICROBIOLOGY. \*CREDIT IS NOT GIVEN FOR BOTH MCBID. 100 AND MCBID. 200. \*CREDI: \*3 HOURS LECT

56424 2 M W F 151 E E B

INTRODUCTORY EXPERIMENTAL MICROSIOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 100. \*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 101 AND MCBIO. 201.

\*2 HOURS

56431 LAB A 56449 LAB B 56456 LAB C 56463 LAB D 10-12 M W 242 BUR HALL 3-5 M W 242 BUR HALL 10-12 TU TH 242 BUR HALL 1+3 TU TH 242 BUR HALL HELM AND ASSISTANTS

COURSES FOR ADVANCED UNDERGRADUATES MCB IO 200 MICROBIOLOGY. PREREQUISITE: CREDIT OR REGISTRATION IN ORGANIC CHEMISTRY. \*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 100 AND MCBIO. 200. \*3 HOURS 56471 M W E 124 BUR HALL KAPI AN EXPERIMENTAL MICROBIOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 100 OR 200 AND IN
ORGANIC CHEMISTRY.

\*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 101 AND MCBIO. 201. MCBIO 201 \*2 HOURS 8-10 MWF 242 BUR HALL 242 BUR HALL KAPLAN, KRAME 56488 LAB Α 56495 LAB В 1-3 AND ASSISTANTS MCBIC 207 RESEARCH AND SPECIAL PROBLEMS . PREREQUISITE: FIFTEEN HOURS OF MICROBIOLOGY, CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE 10 HOURS. \*3 TO 5 HOURS. LAB-DISC 56506 BUR HALL COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 9 COMPARATIVE MICROBIAL CHEMISTRY. PREREQUISITE: CHEM. 350 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT MCRID 309 56513 LECT M W 140 BUR HALL WOLFE MCBIO 326 PATHOGENIC BACTERIOLOGY. PREREQUISITE: MCBIO. 101 OR 201 OR 309, ORGANIC CHEMISTRY. 5 HOURS OR 1 UNIT 140 BUR HALL 202 BUR HALL 202 BUR HALL 8 M W F A 8-11 TU TH B 1-4 TU TH MEYER, HELM AND ASSISTANTS 56521 LECT 56538 LAB 56545 LAB METABOLIC REGULATION AND GENETICS OF MICRORGANISMS. MCBIO 330 PREREQUISITE: MCBIG. 101 OR 201 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN BIOCHEMISTRY, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT LECT 1.0 M W F 119 M M B SYPHERD 56552 VIRUSES, I.
SAME AS BOT. AND ZOOL. 351.
PREREQUISITE: ORGANIC CHEMISTRY; BIOCHEMISTRY AND CALCULUS MCRTO 351 RECOMMENDED. 3 HOURS OR 3/4 UNIT M W F 140 BUR HALL DRAKE 56560 LECT 1.1 COURSES FOR GRADUATES CULTIVATION AND PROPERTIES OF MICROORGANISMS. MCBIO 409 PREREQUISITE: CHEM. 355 OR EQUIVALENT, CREDIT OR REGISTRATION IN MCBIO. 309 AND CONSENT OF INSTRUCTOR.

1 UNIT 56577 LECT 140 BUR HALL 202 BUR HALL WOLFE, KRAMER AND ASSISTANTS 2-5 4 W F LAB ADVANCES IN MICROBIOLOGY. MCRID 412 PREREQUISITE: CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT. \*1/4 UNIT STAFF 56584 CONE BUR HALL

BUR HALL

STAFF

O INDIVIDUAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.

LAB-DISC

1/2 TO 2 UNITS

MCBIO 490

MCBIO 495 SEMINAR.

REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS MICROBIOLOGY. PREREQUISITE: TEN HOURS OF MICROBIOLOGY, CONSENT OF INSTURCTOR. O OR 1/4 UNIT

56602 CONF

4

124 BUR HALL

TH

STAFF

MCBIO 499 THESIS RESEARCH.

O TO 4 UNITS

ARR

BUR HALL

STAFF

STAFF

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STAFF

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MARK

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MARK

### MILITARY SCIENCE

DEPARTMENT OFFICE

110 ARMORY

ARMORY FLOOR

313 ARMORY

313

300

300

ARMORY

ARMORY

ARMORY

#### BASIC MILITARY CURRICULUM

ENTERING MALE STUDENTS WHO ARE PHYSICALLY QUALIFIED AND WHO HAVE BEEN SELECTED FOR ENROLLMENT MUST, IN ADDITION TO REQUIRED MILITARY SCIENCE COURSES, REGISTER IN EITHER A NATURAL SCIENCE OR SOCIAL SCIENCE GENERAL EDUCATION SEQUENCE ACCEPTABLE TO THE MILITARY SCIENCE OFFARTHENT AND THE STUDENTS COLLEGE.

# COURSES FOR UNDERGRADUATES

MIL S 100 LEADERSHIP LABORATORY (FIRST SEMESTER FRESHMEN ONLY).

PREREQUISITE: APPROVAL OF THE PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

O CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

\*SECTION C FOR SPECIAL FORCES ONLY. LAB ΤU 101 ARMORY ARMORY FLOOR TU 56634 LAB В 7PM TH 101 ARMORY 7PM TH ARMORY FLOOR В LAB 7 PM TH 101 ARMORY 56641

7PM

MIL S 101 INTRODUCTION TO MILITARY SCIENCE (UNITED STATES DEFENSE ESTABLISHMENT: 1).

\*C

ESTABLISHMENT, I).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;
ENROLLMENT IN MIL. S. 100.

1 HOUR

56659 LECT-DISC 11 300 ARMORY OSBURN LECT-DISC ARMORY 56666 В 300 DSBURN 56673 LECT-DISC TU 300 ARMORY OSBURN 56681 LECT-DISC D 10 300 ARMORY OS BURN 56698 LECT-DISC E 300 ARMORY OSBURN 1 56709 LECT-DISC F 8 300 ARMORY DSBURN 56716 LECT-DISC G 8 300 ARMORY OSBURN 56723 LECT-DISC 10 300 ARMORY OSBURN

TH

MIL S 112 AMERICAN MILITARY HISTORY.

PREREQUISITE: REGISTRATION IN MIL. S. 150 OR 175. 2 HOURS

56731 LECT-DISC Α 11 LECT-DISC В М W 5674R 2 TU TH 56755 LECT-DISC C Q 1 FCT-DISC 56762 n 1

MIL S 125 LEADERSHIP LABORATORY (SECOND SEMESTER FRESHMEN ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

O CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*2 FCI IUN	L FUR	SPECIAL	FURCES UNLY.			
56770	LAB	Α	3	TU	101 ARMORY	STAFF
		Α	3	TU	ARMORY FLOOR	STAFF
56787	LAB	В	7PM	TH	101 ARMORY	STAFF
		В	7 P M	TH	ARMORY FLOOR	STAFF
56794	L AB	*C	7PM	TH	101 ARMORY	STAFF
		*C	7 P M	TH	ARMORY FLOOR	STAFF

MIL S 150 LEADERSHIP LABORATORY (FIRST SEMESTER SOPHOMORES ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

O CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTIO	N C FOR	SPECIAL	FORCES ONLY.			
56805	LAB	A	3	TU	101 ARMORY	STAFF
		Α	3	TU	ARMORY FLOOR	STAFF
56812	LAB	В	7 P M	TH	101 ARMORY	STAFF
		В	7PM	TH	ARMORY FLOOR	STAFF
56820	LAB	*C	7 PM	TH	101 ARMORY	STAFF
		*C	7 PM	TH	ARMORY FLOOR	STAFF

MIL S 175 LEADERSHIP LABORATORY (SECOND SEMESTER SOPHOMORES ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.

FIELD TRIPS MAY BE REQUIRED.

O CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTION	N C FOR	SPECIAL	FORCES ONLY.			
56837	LAB	Α	3	TU	101 ARMORY	STAFF
		Α	3	TU	ARMORY FLOOR	STAFF
56844	LAB	В	7 PM	TH	101 ARMORY	STAFF
		В	7PM	TH	ARMORY FLOOR	STAFF
56851	LAB	* C	7 PM	TH	101 ARMORY	STAFF
		*C	7PM	TH	ARMORY FLOOR	STAFF

# ADVANCED MILITARY CURRICULUM

SELECTED MALE STUDENTS WHO HAVE COMPLETED THE BASIC MILITARY COURSE OR ITS EQUIVALENT, AND WHO HAVE SATISFACTORILY PASSED PHYSICAL AND SCREENING EXAMINATIONS MAY APPLY FOR ENROLLMENT IN THE ADVANCED MILITARY CURRICULUM. EACH ADVANCED MILITARY CURRICULUM STUDENT IS PAID A SUBSISTENCE ALLOWANCE. HE MUST ATTEND ROTC SUMMER TRAINING CAMP BETWEEN HIS FIRST AND SECOND YEAR IN THE ADVANCED PROGRAM. SUCCESSFUL COMPLETION OF THE CURRICULUM BY SELECTED STUDENTS NORMALLY RESULTS IN A COMMISSION AS A SECOND LIEUTENANT, U. S. ARMY RESERVE. SELECTED STUDENTS MEETING THE REQUIREMENTS MAY BE COMMISSIONED IN THE REGULAR ARMY.

STUDENTS ENROLLED IN THE REQUIRED MILITARY SCIENCE COURSES MUST, IN ADDITION, ENROLL IN THE THIRD AND IN THE FOURTH YEAR IN AN APPROVED COURSE OF ANOTHER DEPARTMENT. SELECTION OF THESE COURSES MUST BE APPROVED BY THE MILITARY SCIENCE DEPARTMENT ADVISOR AND BE ACCEPTABLE TO THE STUDENTS MAJOR DEPARTMENT.

MIL S 200 LEADERSHIP LABORATORY (FIRST SEMESTER JUNIORS ONLY).

PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.

O CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

*SECTI	ON C FOR	SPECIAL	FORCES ONLY.			
56869	LAB	Α	4	TU	101 ARMORY	STAFF
		Α	4	TU	ARMORY FLOOR	STAFF
56876	LAB	В	7 P M	TH	101 ARMORY	STAFF
		₿	7PM	TH	ARMORY FLOOR	STAFF
56883	LAB	*C	7 P M	TH	101 ARMORY	STAFF
		*C	7 PM	TH	ARMORY FLOOR	STAFF

MIL	S	PREREQUI	NCIPLES OF SITE: APPRO TION IN MIL	VAL OF PR	OFESSOR C		SCIE	NCE;		
		56891 56901 56919	LECT-DISC LECT-DISC LECT-DISC		9 8 11	M TU TU	313 313 313	ARMORY ARMORY ARMORY		BUCH BUCH
		56926 56933	LECT-DISC	E	10	ŤH F	313 313	ARMORY		BUCH .
MIL	S	PREREQUI:	NCIPLES OF SITE: CONCU	RRENT REG	ISTRATION	I IN MIL. S				
		56941 56958	LECT-DISC		10 10	M TU	300 300	AR MOR Y AR MOR Y		MEREDITH MEREDITH
		56965	LECT-DISC	С	8	W	300	ARMORY		MEREDITH
		56972 56980	LECT-DISC	D E	9	TH F	300 300	ARMORY		MER EDITH MER EDITH
MIL	S	MIL	ANCED MILIT	11).					OF THE	
		REGISTRA 3 HOURS	SITE: APPRO TION IN MIL			F MILITARY	SCIE			
		56997	LECT-DISC	A		MWE	313	ARMOR Y		ERNEST
		57000 57017	LECT-DISC	B C	10	MWF	313	ARMORY		ERNEST
		57024	LECT-DISC	D	9-11	TU	313	ARMORY		ERNEST
		57031	LECT-DISC	D E	9	TH TU	313	ARMORY ARMORY		ERNEST ERNEST
		37031	EEC1-0130	E	1-3	тн	313	ARMORY		ERNEST
MIL	S	PREREQUIS	DER SHIP LAB SITE: APPRO IPS MAY BE ATTENDAN	VAL OF PRE REQUIRED. CE AT TWO	OFESSOR O	ES IS REQU	SCIE	NCE •		
			TIME AND	DATE OF	CEREMONIE	S TO BE AN	NOUNC	ED.		
		*SECTION 57049	C FOR SPEC	IAL FORCE	S ONLY.	TU	101	ARMORY		STAFF
		51049	LAD	Ä	4	TU		Y FLOOR		STAFF
		57056	LAB	В	7PM	TH	101	ARMORY		STAFF
		57063	ŁAB	B ≠C	7 P M 7 P M	TH TH		Y FLOOR ARMORY		STAFF
		51065	LAD	*C	7PM	TH		Y FLOOR		STAFF
MIL	S	PREREQUI:	DERSHIP LAB SITE: APPRO IPS MAY BE	VAL OF PR	FIRST SEM DFESSOR O	ESTER SENI F MILITARY	ORS O	NLY). NCE.		
		*SECTION	ATTENDAN TIME AND D FOR SPEC	DATE OF	CEREMONIE	S TO BE AN	IRED.	ED.		
		57071	LAB	Α	3	TU	101	ARMORY		STAFF
		57088	LAB	A B	3	TU TU	ARMOR 101	Y FLOOR ARMORY		STAFF
		21000	LAU	В	4	TU		Y FLOOR		STAFF
		57095	LAB	С	7PM	TH	101	ARMORY		STAFF
		57106	LAB	C *D	7PM 7PM	TH TH	101	Y FLOOR ARMORY		STAFF
		31200		*D	7PM	тн		Y FLOOR		STAFF
MIL	S	PREREQUI:	DERSHIP LAB SITE: APPRO IPS MAY BE	VAL OF PR	SECOND SE OFESSOR O	MESTER SEN F MILITARY	IIORS SCIE	ONLY). NCE.		
		*SECTION		DATE OF	CEREMONIE	ES IS REQU S TO BE AN		ED.		
		57113	LAB	A	3	ŦU	101	ARMORY		STAFF
		67121	1.40	A	3	TU		Y FLOOR		STAFF
		57121	LAB	8 B	4	TU TU	101 ARMOR	ARMORY Y FLOOR		STAFF
		57138	LAB	C	7PM	тн	101	ARMORY		STAFF
				C	7 P M	TH	ARMOR	Y FLOOR		STAFF
		57145	LAB	*D	7PM 7PM	TH TH	101 ARMOR	ARMORY Y FLOOR		STAFF

## MINING ENGINEERING

DEPARTMENT OFFICE

201 M M B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MIN E 302 WORLD MINERAL ECONOMICS.

PREREQUISITE: SENIOR STANDING.

3 HOURS, OR 3/4 OR 1 UNIT

3 M W F 119 M M B 57152 LECT-DISC

3 SAMPLING, EXPLORATION, VALUATION.
PREREQUISITE: GEOL. 101, 130, MATH. 263.
\*THOSE RECEIVING FOUR HOURS OR ONE UNIT ARE REQUIRED TO DO EXTRA
WORK AND WRITE A TERM PAPER.
\*3 OR 4 HOURS, OR 3/4 OR 1 UNIT
7160 LECT-DISC 10 M W F ARR

57160

MIN F 393

PREPROPERTY OF THE PROBLEMS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 TO 4 HOURS, OR 0 TO 1 UNIT

71177 CONF ARR

57177

COURSES FOR GRADUATES

MIN E 406 DESIGN OF UNDERGROUND OPENINGS.

PREREQUISITE: MIN. E. 356.

1 UNIT

57184 LECT-DISC M W F 403 M M B

MIN E 497

97 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 2 UNITS

CONF 57191 ARR

MIN E 499 THESIS RESEARCH.

O TO 4 UNITS 57202 CONE

ARR

MODERN GREEK

DEPARTMENT OFFICE

309H D H

COURSES FOR ADVANCED UNDERGRADUATES

1 ELEMENTARY MODERN GREEK, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.

5 HOURS 57210

LECT-DISC 6-7PM MTUWTH 311 D H PAPANI KALAOU

M GRK 203

INTERMEDIATE MODERN GREEK, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK

IN THE LANGUAGE LABORATORY. PREREQUISITE: M. GRK. 201, AND 202 OR EQUIVALENT.

5 HOURS

57227 LECT-DISC

311 D H 311 D H WTHE

TU 9-11

PAPANIKALADU

# MODERN HEBREW

DEPARTMENT OFFICE

309H D H

# COURSES FOR ADVANCED UNDERGRADUATES

M HBR	201 ELE							
		IT TOWARD G	RADUATI	ON IS GIVE	N FOR M.	HBR. 201	WITHOUT	
	M. HBR. *5 HOURS							
			TER FOR	ONE LECTU	RE, ONE E	DISCUSSION	N AND ONE LAB.	
	57234	LECT			M W	312		BOLOZKY
	57241	DISC	A	11	TU TH		D H	STAFF
	57259 57266		B C	2	TU TH M W	312		STAFF
		LAB		ARR	"	312		31611
		COURSES	FUR AD	VANCED UND	EKGKADUA	IES AND G	RADUATES	
M HBR	303 INT	ERMEDIATE M	ODERN H	EBREW, I.				
		ENTS ARE RE			R FOR ONE	E HOUR OF	WORK	
		IN THE LAN			ENT.			
		DR 1 UNIT	No 202	OK E WOIVAL	-141 4			
		LECT-DISC		9	M W F	1 (	G H	STAFF
				3	TU TH	209	DH	STAFF
M HBR	305 ADV	ANCED MODER	N HEBRE	W. I.				
	PREREQUI	SITE: M. HB			ENT.			
		OR 1 UNIT						
	57298	LECT-DISC		8	TU THE		D H	STAFF
				-	10 111	311	J 11	STAIT
				MUS	I C			
	0.5	PARTMENT OF	-105			100 S M		
	DE	PARIMENI UF	FICE			100 S M	н	
		C	DURSES	FOR UNDERG	RADUATES			
MUSTO	100 RUD	IMENTS OF T	HEORY.					
	2 HOURS							
	57309	LECT-DISC	Α		M W F		1203 W NEV	
		LECT-DISC			M W F		S M H	ROSENFIELD
	57323 57331	LECT-DISC LECT-DISC	D	11	M W F	106	S M H S H	ROSENFIELD
	21331	2201 0130				100	J 11	
MUSIC	101 THE							
	3 HOURS	SITE: FOR N	JW-W02I	C STUDENTS	MUSIC I	TOO OK EQU	JIVALENI.	
		NAL ONE-HAL	F HOUR I	LAB SESSIO	NS TO BE	ARRANGED	DAILY.	
		LECT-DISC	Α	*8		106		
	57355	LECT-DISC	В	*9	MTUWTHE		S M H	
	57362 57370	LECT-DISC	C D	*10 *1	MTUWTHF	106		
	57387	LECT-DISC	E		MTUWTHE	100		
	57394	LECT-DISC		*3	MTUWTHE			
MILETO	102 705	ORY OF MUCT						
1021C	PREREQUI	SITE: MUSIC						
	3 HOURS							
	57405	LECT-DISC	Α	9	M W F		S M H	
	57412	LECT-DISC	В	3	M W F	103	S M H	

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MUSIC 103 THEORY OF MUSIC, III.
         PREREQUISITE: MUSIC 102.
          3 HOURS
       57420
                   LECT-DISC
                                                              102
        57437
                   LECT-DISC
                               В
                                                              102
                                                                   SH
                  LECT-DISC
                              C
       57444
                                        10
                                                              100
                                                                   SH
        57451
                   LECT-DISC
                               D
                                                              102
                                                                   SH
                                         1
        57469
                   LECT-DISC
                               Е
                                         2
                                                                   S A
       57476
                  LECT-DISC
                                                                8
MUSIC 104 THEORY OF MUSIC, 11.

PREREQUISITE: MUSIC 103.

3 HOURS
              THEORY OF MUSIC, IV.
       57483
                                    9
                LECT-DISC A
                                                 M W F
                                                             100 S H
MUSIC 106 COMPOSITION.

PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM
OR CONSENT OF COMPOSITION FACULTY.
       57491
                   CONF
                                     ARR
                                                              201
                                                                   T A
                                                                                   BINKERD
                  CONF
CONF
CONF
CONF
                                     ARR
       57501
                              В
                                                              305
                                                                   SH
                                                                                    POWELL
                                      ARR
       57519
                               C.
                                                              200
                                                                   T A
                                                                                    KELLY
                              D
       57526
                                     ARR
                                                              203
                                                                   T A
                                                                                   FREDRICKSON
                                     ARR
       57533
                              F
                                                                   TΔ
                                                                                   JOHNSTON
                                                              202
MUSIC 107 EAR TRAINING, SIGHT SINGING, AND KEYBOARD HARMONY, I.
PREREQUISITE: MUSIC 101.
         1 HOUR
                                                  TU TH 103 S M H
TU TH 103 S M H
       57541 LAB-DISC A
57558 LAB-DISC B
                                         9
                                        3
             EAR TRAINING, SIGHT SINGING, AND KEYBOARD HARMONY, II.
       PREREQUISITE: MUSIC 107.
          1 HOUR
                              Α
       57565
                   LAB-DISC
                                         8
                                                   TU TH
                                                              102
                                                                   SH
       57572
                  LAB-DISC
                              В
                                       10
                                        9
                                                   TU TH
                                                              102
                                                                   SH
       57580
                  LAB-DISC
                              C
D
                                                   TU TH
                                                              100
                                                                   SH
       57597
                  LAB-DISC
                                        1
                                                              102
                                                   TU TH
                                                                   SH
                             E
                                                              8
                 LAB-DISC
       57608
57615
                                         2
                                                   TU TH
                                                                   S A
                                                   TU TH
                                         3
                                                                В
                                                                   SA
MUSIC 109 EAR TRAINING, SIGHT SINGING AND KEYBOARD HARMONY, [1].
PREREQUISITE: MUSIC 108.
         1 HOUR
       57622
                   LAB-DISC A
                                        9 TU TH 100 S H
MUSIC 110
             BASIC MUSIC LITERATURE.
         REQUIRED OF FRESHMEN IN MUSIC.
          2 HOURS
          STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.
                                       10 TU TH 25 S M H
8 M W 104 1203 W
       57630 LECT
57647 QUIZ A
57654 QUIZ B
                                                                                  KELLMAN
                                                                   1203 W NEV
                                                  TU TH
                                                              104
                                                                  1203 W NEV
                                         3
                  QUIZ
                                                  M W
                                         7 P M
                                                 М
                                                             103 S M H
       57661
                               C.
                                         7PM
       57679
                               n
            APPRECIATION OF MUSIC, SYMPHONIC.
MUSIC 113
         FOR NON-MUSIC STUDENTS.
PREREQUISITE: SOPHOMORE STANDING.
          2 HOURS
          STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.
       57686
               LECT 1 TU TH 25 S M H
QUIZ A 7PM M H 116 1203 W NEV
QUIZ B 7PM TU TH 116 1203 W NEV
                                                                                   BEHAGUE
       57693
       57704
              INTRODUCTION TO OPERA.
        PREREQUISITE: SOPHOMORE STANDING.
          2 HOURS
                                   2
       57711
                  LECT-DISC A
                                                M W
                                                             25 S M H
                                                                                   ZIRNER
       22 THE THEORY AND HISTORY OF MUSIC, III.
PREFEQUISITE: MUSIC 121 AND CONSENT OF INSTRUCTOR.
         6 HOURS
                                                                                   BRUCE, THOM/
AND DARCY
       57729
                                        1-3 MTUWTHF 106 S M H
                  LECT-DISC A
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INTRODUCTION TO THE ART OF MUSIC, I.
MUSIC 130
         FOR NON-MUSIC STUDENTS ONLY.
          4 HOURS
          STUDENTS IN LECTURE AT MUST REGISTER FOR ONE QUIZ, A THRU E.
          STUDENTS IN LECTURE BI MUST REGISTER FOR ONE QUIZ, G THRU L.
        57736
                     LECT
                              *A1
                                           11
                                                     M W F
                                                                        SMH
                                                                                         BYRNSIDE
                                                                       SMH
        57790
                     LECT
                                *B1
                                           4
                                                                    25
                                                                                          WARD
                                *B1 4
*A 4
*B 4
*C 7
*D 7
*E 8
*G 11
*H 12
*I 8PM
*J 8
*L 4
                                                      М
                                                                   104
                                                                        1203 W NEV
        57743
                     QUIZ
        57751
                     QUIZ
                                                       TU TH
                                                                   104
                                                                        1203 W NEV
        57768
                     QUIZ
                                                     М
                                                        W
                                                                   104
                                                                        1203 W NEV
        57775
                     QUIZ
                     QUIZ
QUIZ
QUIZ
QUIZ
QUIZ
QUIZ
                                                      TU TH
                                                                   104
                                                                        1203 W NEV
                                                     M W W W W W W W W W TU TH
                                                                   103
                                                                        SMH
        57782
                                                                        1203 W NEV
        57801
                                                                   116
                                                                        1203 W NEV
        57818
                                                                   104
        57825
                                                                   104
                                                                        1203 W NEV
                                                                   103
                                                                        SMH
        57832
                    QUIZ
                                                                  103
                                * [
        57840
                INTRODUCTION TO THE ART OF MUSIC, II.
MUSIC 131
         FOR NON-MUSIC STUDENTS ONLY.
PREREQUISITE: MUSIC 130.
          4 HOURS
          STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.
                                           10 M W F 25
7PM M W 100
        57857
                     LECT
QUIZ A
                                          10
                                                                                        WARD
                                                                        SMH
        57864
                                                                   100
                                                                        SH
                     QUIZ
                                 B
C
                                            7 PM
                                                      TU TH
                                                                   201
        57871
                                                                        H A
                                          7 P M
                     ZIUQ
                                                     M W
                                                      M W
TU TH
M W
                                                                  103
        57889
        57896
                     QUIZ
                                D
                                           11
                                                                   103
                                                                        SMH
                                                     M W
        57907
                    QUIZ
                                          10
                                                                  101
        42 ELEMENTS OF CONDUCTING.
PREREQUISITE: SOPHOMORE STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
MUSIC 142
          2 HOURS
                                                                  167 BAND
        57914
                    LECT-DISC A
LECT-DISC B
LECT-DISC C
                                                                                         DUKER
                                                    M W F
        57921
                                                                  167 BAND
116 1203 W NEV
                                                                                         PAINTER
                                          1.0
        57939
                                           10
                                                                                         WISNIEWSKI
        79 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
MUSIC 179
          *O TO 9 HOURS
                               *A 11 M W F
*B 630-8PM W
        57946
                CONF
                                                                 104 1203 W NEV
25 S M H
                                                                                        HOCK
        57953
                                                                                         ΔΜΠΔΚΙΙ
                            COURSES FOR ADVANCED UNDERGRADUATES
         ON INSTRUMENTATION, I.

PREREQUISITE: SENIOR STANDING IN MUSIC.
          2 HOURS
        57961
        57961 LECT-DISC A

57978 LECT-DISC B

57985 LECT-DISC C

57992 LECT-DISC D
                                                    M W 8 S A
TU TH 103 S M H
TU TH 103 S M H
W F 104 1203 W NEV
                                           9
                                                                                         PAINTER
                                                                                         CARTER
                                            2
                                          10
                                                                                         EREDRICKSON
                                            2
                                                                                         KOHUT
MUSIC 213 THE HISTORY OF MUSIC, I.

REQUIRED OF ALL MUSIC STUDENTS.

PREREQUISITE: MUSIC 110 OR CONSENT OF INSTRUCTOR.
          3 HOURS
        58005
                     LECT
                                                                                        MACDONALD
                   QUIZ A
QUIZ B
QUIZ C
QUIZ D
                                 A
                                                         W
                                                                   106
        58012
                                                       TU TH
                                                                  106
                                                                        SMH
        58020
                                            7PM
7PM
        58037
                                                         W
                                                                   106
                                                       TU TH
                                                                   106
               CHORAL LITERATURE AND CONDUCTING, I.
MUSIC 230
         PREREQUISITE: MUSIC 142.
          2 HOURS
                                                    M W F B ENSEMBLE KRAN
M F CHOS RHRSL KRAN
M W F A ENSEMBLE KRAN
        58051
                    LAB-DISC A
                                          10
                                 Δ
                                           11
        58069
                    LAB-DISC
                                                                                         OLSON
                                  R
                                           1 0
                                 В
                                           11
                                                     М
                                                                 CHOS RHRSL KRAN
                CHORAL LITERATURE AND CONDUCTING, II.
MUSIC 231
        PREREQUISITE: MUSIC 230.
2 HOURS
                               A 10 M W F CHOS RHRSL KRAN
A 11 M F CHOS RHRSL KRAN
        58076 LAB-DISC
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INSTRUMENTAL LITERATURE AND CONDUCTING, I.
           PREREQUISITE: MUSIC 142.
           2 HOURS
         58083
                     LAB-DISC A
                                             8
                                                       MTUWTHF 167 BAND
                                                                                             DUKER
                 MUSIC FOR ELEMENTARY TEACHERS, I.
           PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION OR CONSENT
OF INSTRUCTOR. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE
           BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.
            3 HOURS
           STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.
           LECTURE B1 DEALS WITH PRESCHOOL-PRIMARY MUSIC; STUDENTS MUST ALSO REGISTER FOR ONE QUIZ FROM SECTIONS C, D, F, G, OR H.
LECTURE B1 DEALS WITH INTERMEDIATE GRADE MUSIC; STUDENTS MUST ALSO
           REGISTER FOR ONE QUIZ FROM SECTIONS A, B, OR E.
                  L ECT
         58091
                                            12
                                                                        25
                                                                            SMH
                                 A1
                                                         М
                                                                                               SMITH
                                   81
                                                          TU
                                                                        25
         58158
                      LECT
                                              12
                                                                            SMH
                                                                                               R THOMAS
                                                         M H
         58165
                      QUIZ
                                    A
                                               3
                                                                       100
                                                                             SH
                      QUIZ
         58172
                                   В
                                               3
                                                                       102
                                                                             SH
         58101
                      QUIZ
                                    C
                                               3
                                                          TU TH
                                                                       100
                                                                             SH
                      QUIZ
         58119
                                   D
                                                          TU TH
                                                                       102
                                    DET
                                               3
                                                          TU TH
                                                                       100
         58180
                      QUI7
                      QUIZ
         58126
                                   F
                                              4
                                                                       102
         58133
                      QUIZ
                                   G
                                              11
                                                          TU TH
                                                                       100
         58141
                                              11
                                                          TU TH
                                                                       102 S H
           MUSIC FOR ELEMENTARY TEACHERS, II.
PREREQUISITE: MUSIC 240. REQUIRED FOR STATE ELEMENTARY SCHOOL
CERTIFICATE BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.
MUSIC 241
           3 HOURS
           STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.
LECTURE AL DEALS WITH PRESCHOOL-PRIMARY MUSIC; STUDENTS MUST
ALSO REGISTER FOR QUIZ A OR B.
           LECTURE B1 DEALS WITH INTERMEDIATE GRADE MUSIC; STUDENTS MUST ALSO REGISTER FOR QUIZ C.
         58197
                    LECT
                                   A 1
                                             12
                                                                       25
                                                                            SMH
                                                                                               SMITH
                                                              TH
         58222
                      LECT
                                   B 1
                                              12
                                                                        25
                                                                            SMH
                                                                                               R. THOMAS
         58208
                      QUIZ
                                    Δ
                                                         M W
                                                                       102
                                                                             SH
                                               4
         58215
                      QUIZ
                                   "B
                                               4
                                                          TU TH
                                                                      100
         58230
                     QUIZ
                                                          TU TH
                                                                       102
           TEACHING MUSIC IN THE ELEMENTARY SCHOOL.
PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF
MUSIC 242
           INSTRUCTOR.
           3 HOURS
         58247
                     FCT-DISC A
                                                       M W F 103 S M H
                                                                                               R. THOMAS
                                             2
          3 TEACHING MUSIC IN THE JUNIOR HIGH SCHOOL.
PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF
MUSIC 243
           INSTRUCTOR.
          3 HOURS
*ONE ADDITIONAL HOUR TO BE ARRANGED.
2 M W 102 S H
           3 HOURS
         58254 LECT-DISC *A
                                                                                              LE ONHARD
                 TEACHING OF INSTRUMENTAL MUSIC.
          PREREQUISITE: CONSENT OF INSTRUCTOR.
           2 HOURS
           *SECTION A--FOR THE INSTRUMENTAL EMPHASIS PROGRAM.
           *SECTION B--FOR THE CHORAL EMPHASIS PROGRAM.
           WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
                                                                       5 S M H
5 S M H
5 S M H
5 S M H
                     LAB-DISC *A
                                                      MTUNTHE
         58261
                                                                                               COLWELL
                                              2
                                             11
                                  *A
                                                                F
         58279
                      LAB-DISC
                                  *B
                                                       MIUWIHE
                                                                                               KOHUT
                                               1
                                  * B
                                             1.1
MUSIC 245
                CHORAL ARRANGING.
```

10

TU TH

8 S A

8 S A

PREREQUISITE: JUNIOR STANDING IN MUSIC.

58286 LECT-DISC A 58293 LECT-DISC B

2 HOURS

MUSIC		ACHING OF CH	HORAL I	MUSIC. NDING IN MU	JSIC E	UCAT	ION OR	CONSEN	T OF	
	INSTRUCTOR. 2 HOURS WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. *SECTION A FOR THE VOCAL-CHORAL EMPHASIS PROGRAM.									
		B FOR THE	INSTRU	JMENTAL EMP	HASIS	PROG	RAM.			
	58304	LECT-DISC	*A	11	М	F	CHOS	RHRSL	KRAN	KIRK
	58311	LECT-DISC	*A *B	11	MTUW	THE	CHOS	RHRSL	KRAN	OLSON
	30311	Ecc. Disc	*B	3	MTUM	THE	116	1203	W NEV	023011
		COURSES	FOR A	ADVANCED UN	DERGRA	DUAT	ES AND	GRADUA	TES	
MUSIC 300 EIGHTEENTH CENTURY COUNTERPOINT.  PREREQUISITE: MUSIC 104 AND/OR CONSENT OF INSTRUCTOR.  3 HOURS OR 1/2 UNIT										
		LECT-DISC		1	M W	F	116	1203	W NEV	HUNTER
	58336	LECT-DISC	ВС	2	M W		116	1203	M NEV	KELLY
	58343	LECT-DISC	С	3	M W	۴	104	1203	W NEV	BINKERD
MUSIC	PREREQUI	SICAL ACOUST	NT OF							
		OR 1/2 UNIT		10	M W		102	SH		BEAUCHAMP
	, , , , ,			• •						
MUSIC	204 CON	ITEMPORARY C	OHOO CI	TIONAL TEC	HALF OUE	-				
MOSIC		SITE: MUSIC					OF INS	TRUCTO	R.	
	2 HOURS	OR 1/2 UNIT								
		ACOMPOSI								
		BCOMPOSI   CMICROPH			.00PS .					
	58368	LECT-DISC LECT-DISC	*A	ARR			310	SH		BRUN
		LECT-DISC	* B	ARR			205			POWELL
	58382	LECT-DISC	*C	ARR			206	F A		
MUSIC	306 COM	IPOSITION. SITE: LIMIT	TO	CTUDENTS I	N COMB	0.61.7	* 0 11 11 1	00 6110	DICHUM	
		NT OF COMPO				0.21 1	IUN MAJ	UK LUK	KICULUM	
		OURS, OR 1/	2 OR 1	UNIT						
	58390	CONF	A	ARR			201	TA		BINKERD
	58401 58418	CONE		ARR			305 200	SH		POWELL KELLY
	58425	CONF	C D	ARR			203	TA		FREDRICKSON
	58432	CONF	E	ARR			202	TA		JOHNSTON
	58440 58457		F G	ARR			203 203	TA		
	20421	CONF	G	MKK			203			
MUSIC	308 ANA	LYSIS OF MU SITE: MUSIC	SICAL 104 A	FORM.	CONSE	NT O	F INSTR	UCTOR.		
	3 HOURS	OR 1/2 UNIT								
	58464 58471	LECT-DISC	B	1 4	M W	F	8	SA		JOHNSTON
	204/1	F5C1-013C	0	4	75 14	-	0	3 A		JOHN STUN
HUGTO	210		0.7.5							
MUSIC	PREREQUE	SITE: MUSIC	131 C	. MUSIC.	ONSENT	OF I	INSTRUC	TOR		
	3 HOURS	OR 1/2 UNIT								
	58489	LECT-DISC	Α	9	M W	F	104	1203	W NEV	MACDONALD
MUSIC	312 MUS									
	PREREQUI	SITE: MUSIC	131 0	R 214 OR C	ONSENT	OF :	INSTRUC	TOR.		
	3 HOURS	OR 1/2 UNIT LECT-DISC		10	M L	F	1.06	1203	w NEV	FRUM
	20470	FEC 1-013C	A	7-9PM	TU	-	25	S M H		r KUM
MUSTS	314 400	IC OF THE	INSTER	NEW CONTUS	v					
MOSIC	ISIC 314 MUSIC OF THE NINETEENTH CENTURY.  PREREQUISITE: MUSIC 131 OR 214, OR CONSENT OF INSTRUCTOR.									
	3 HOURS OR 1/2 UNIT									
	58507	LECT-DISC	Α	9		F		SMH		BYRNSIDE
			A	7-9PM		ŦΗ	25	SMH		

MUSIC 317 AREA STUDIES IN ETHNOMUSICOLOGY. SAME AS ANTH. 315.
PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE 12 HOUR, OR 2 UNITS \*3 HOURS OR 1/2 UNIT TOPIC: MUSIC OF AFRICA. TH 101 H A 58514 LECT-DISC A NETTI 8 HISTORY OF PERFORMANCE PRACTICES, I.
PREREQUISITE: SENIOR STANDING IN MUSIC THEORY AND MUSIC HISTORY OR MUSTC 318 CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT LECT-DISC A 1 TU TH 103 S M H HUNTER 58521 APPLIED MUSIC PEDAGOGY. PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE 4 HOURS, OR 1 UNIT \*2 HOURS OR 1/2 UNIT SECTION A IS FOR PIANO MAJORS. SECTION B IS FOR STRING MAJORS. SECTION C IS FOR VOICE MAJORS. 58539 LAB-DISC A 10-12 58546 LAB-DISC B 4 BERENSON, LYKE 202 S A 202 S A 200B S M H 4 M 4-6 9-11 ROLLAND TH 58553 LAB-DISC C ROLL AND TH BURDETTE MUSIC 334 THE MUSIC OF AMERICA, I.

PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT 10 M W F HAMM 58561 LECT-DISC A 103 S M H INSTRUMENTAL CLINIC AND BAND PAGEANTRY. PREREQUISITE: ADVANCED UNDERGRADUATE OR GRADUATE WITH MAJOR WORK OR EXPERIENCE IN BAND OR ORCHESTRA. 2 HOURS OR 1/2 UNIT 9-11 M KISINGER 58578 LECT-DISC A 228 BAND 228 BAND MUSIC 342 PERCUSSION METHODS.

PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION, AND
MUSIC 174 AND 257 OR EQUIVALENT. 3 HOURS OR 1/2 UNIT 3 MTUWTHF 6 S M H SIWE 58585 CONF MUSIC 343 TESTS AND MEASUREMENT IN MUSIC EDUCATION. PREREQUISITE: CONSENT OF INSTRUCTOR.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT
8592 LECT-DISC A 8 TU TH 116 1203 W NEV 58592 COLWELL MUSIC 344 METHODS OF STRING CLASS TEACHING.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT LECT-DISC A 7-9PM TH 8 S A D MILLER 58603 WORKSHOP IN MUSIC EDUCATION.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE TWO UNITS. \*2 OR 4 HOURS, OR 1/2 OR 1 UNIT SECTION B TOPIC: INSTRUMENTAL MUSIC IN THE JUNIOR HIGH SCHOOL. COLWELL, KOHU WISNIEWSKI LECT-DISC B MTUWTHF 5 S M H 58611 MUSIC 349 MUSIC IN EARLY CHILDHOOD. SAME AS H. EC. 349.
PREREQUISITE: SENIOR OR GRADUATE LEVEL IN MUSIC EDUCATION OR CHILD

MUSIC 349 MUSIC IN EARLY CHILDHOOD.

SAME AS H. EC. 349.
PREREQUISITE: SENIOR OR GRADUATE LEVEL IN MUSIC EDUCATION OR CHILD
DEVELOPMENT.
2 HOURS OR 1/2 UNIT
58628 LECT-DISC A 7-9PM TH 100 S H SMITH

# COURSES FOR GRADUATES

	MUSIC	400 ADV	ANCED	INSTR	UMENTA	TION-	CHAMBI	ER AND	SYMP	HONIC.				
		PREREQUI 1/2 OR 1	UNIT	UNDER	GRADUA	TIE IN	NS I RUMI	ENTALL	UN.					
		58635	L ECT	-DISC	Α	3	3	TU	TH	200	T A		KELI	LY
	MUSIC	402 ANA	14515	IN RE	40 I T A 4	TO P	FREOR	MANCE	AND I	NTERPR	FTAT	ION, I.		
		PREREQUI	SI TE:	MUSIC	104	R EQL	IVALE	NT, CO	NSENT	OF IN	STRU	CTOR.		
		1 UNIT *ADDITIO 58642	NAL H	OURS TO	D BE A	RRANC	ED.							
		58642	LEC T-	-DISC	А	* ]	-3	10	TH	104	120	3 W NEV	LEGI	NHARD
,	MUSIC	404 004	POSIT	I ON										
	110310	1/2 TO 1	1/2	INTTS										
		58650 58667	CONF		A B	ARR				201	TA		KEL	KERD LY
		58674	CONF CONF CONF		C	ARR ARR				203 202	T A			DRICKSON NSTON
		58681 58699	CONF		E	ARR				202	TA		JUNI	NSTUN
		58681 58699 58700	CONF		F	ARR				203	T A			
	MUCTO	410 HIS	TORY	OF MUC	1C TUE									
	MUSIC	PREREQUI	SI TE:	GRADU	ATE ST	ANDIN	IG IN	MUS I CO	LOGY	OR COM	POSI	TION, O	R	
		CONSENT *STUDENT *1 UNIT	OF IN:	ACCUM	JLATE	2 UNI	TS							
		58717	LECT-	-DISC		11		W	F	101	H A		1 1	HOMAS
					Α	10	-12		۲	101	н А			
	MUSIC	411 INT	RODUC	TION TO	D ETHA	IOMUS I	COLOGY	۲.						
		PREREQUI	SITE:	GRADU					LOGY	OR COM	IS ENT			
		OF INSTR 1 UNIT												
		58724	LEC T-	-DISC	A	ARR				201	Н А		NET	TL
	MIJETO	414 NOT	ATION	. 1.										
	110310	414 NOT PREREQUI	SITE:	CONSE	NT OF	INSTR	UCTOR							
		1/2 UNIT 58731		-DISC	A	2	-4	W		101	НΑ		HAM	M
	MUSIC	423 SEM PREREQUI		IN MUS			IC THE	WILC T C O		4310 MI	15.1.6	221 00		
		CONSENT				ANUIN	16 IN 1	MU31CU	LUGT	AND MC	1510	321 UK		
		1 UNIT 58749	LECT-	-DISC	Δ	,	2-5	TU		101	ΗА		RIN	GER
		58756	LECT-	-DISC -DISC	8	2	-5	TU		201				AGUE
	MUSIC	PREREQUI	ANCED SITE:	CHORAL	L TECH	NIQUE	S. IG IN I	MUSIC.						
		1 UNIT							T.1.	SUDS	01106		W # D	,
		58763	LEC 1	-DISC	A	11	-3	M TU	F	CHOS	RHRS	L KRAN L KRAN	KIR	
	MUSIC	434 PIA	NO LI	TERATUR	RE.	MULCI		DACHEL	00 05		C - 1	N MILETC		
		EDUCATIO	N. OR	CONSE	NT OF	INSTR	UCTOR.	BAUHEL •	UK UF	SCIEN	ICE I	N MUSIC		
		*STUDENT *1 UNIT	S MAY	ACCUM	ULATE	TWO U	STINU.							
		58771	L EC T	-DISC	A	1	-3	TU	TH	206	S M	Н	STR.	AVINSKY
	MUSIC	PREREQUI		TERATUI		MHST	C OR 6	BACHEL	OR OF	SCIEN	ICE I	N MILSTO		
		EDUCATIO	N. OR	CONSE	NT OF	INSTR	UCTOR.	•	OK U	30121	icc i	N 110310		
Ì		*STUDENT *1 UNIT	SMAY	ACCUM	ULATE	TWO U	INITS.							
				DISC	Α	1	-3	W	F	201	SH		DAL	HEIM
	MUSIC	PREREQUI	SITE:	TERATUR BACHER	OR OF	MUSI	C OR I	BACHEL	OR OF	SCIEN	CE I	N MUSIC		
		EDUCATIO *STUDENT	N, OR	CONSEN	NT OF	INSTR	UCTOR.							
		*1 UNIT												
		58795	LECT-	-DISC	A	3	1-5	TU	F	200	S M	Н	PET	TINGA

STRING INSTRUMENT LITERATURE.
PREREQUISITE: BACHLOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EUCATION, OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE TWO UNITS. \*1 UNIT 58806 LECT-DISC A TU TH 102 S A FARRELL WIND INSTRUMENT LITERATURE. MUSIC 438 STUDENTS MAY ACCUMULATE TWO UNITS. 1 UNIT \*SECTION A--WOODWIND AND SECTION B--BRASS. LECT-DISC \*A 9 MTUWTHE 2 S M H WOODWIND 58813 FACULTY TUWTHE 8 S M H 58821 LECT-DISC \*B 10 BRASS FACUL PERCUSSION INSTRUMENT LITERATURE. MUSIC 439 PREREQUISITE: GRADUATE STANDING IN THE SCHOOL OF MUSIC AND CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE TWO UNITS. \*1 UNIT 6 S M H 58838 CONF ARR SIWE FOUNDATIONS AND PRINCIPLES OF MUSIC EDUCATION, I.
PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION, CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT 58845 LECT-DISC A 1-3 M 104 1203 W NEV I F ONHARD ADMINISTRATION AND SUPERVISION OF MUSIC EDUCATION.

PREREQUISITE: GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION. MUSTC 443 1/2 OR 1 UNIT 58852 LECT-DISC A 104 1203 W NEV BERGETHON 9-11 TH THE GENERAL MUSIC PROGRAM IN ELEMENTARY SCHOOLS.
PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION. 1/2 UNIT 58860 LECT-DISC A M W 116 1203 W NEV R. THOMAS 6 SEMINAR IN EXPERIMENTAL MUSIC, I. PREREQUISITE: MUSIC 303 OR CONSENT OF INSTRUCTOR. MUSIC 446 1/2 UNIT 58877 CONE Λ ARR 301 S H BRUN HISTORY OF VOCAL ENSEMBLE AND CHORAL MUSIC. I. 1 UNIT 9-11 TU TH 101 H A

J. SMITH

58884

LECT-DISC A

### APPLIED MUSIC

NOTE: STUDENTS IN MUSIC CURRICULA RECEIVE THREE OR FOUR HOURS FOR THEIR MAJOR OR PRINCIPAL SUBJECT.

AS A PART OF THE REQUIREMENTS FOR THE BACHELOR OF MUSIC DEGREE, SENIOR STUDENTS MUST PRESENT A PUBLIC RECITAL WHICH MEETS WITH SCHOOL OF MUSIC FACULTY APPROVAL AND CONFORMS WITH DEPARTMENTAL REQUIREMENTS.

MUSIC STUDENTS RECEIVE TWO HOURS CREDIT FOR THEIR MINOR OR SECONDARY SUBJECT.

STUDENTS FROM OTHER COLLEGES RECEIVE TWO HOURS CREDIT FOR WORK IN APPLIED MUSIC IF IN ACCORDANCE WITH THE REGULATIONS OF THEIR COLLEGE.

PASSING OF A PERFORMING EXAMINATION IS REQUIRED AS A PREREQUISITE
TO THE INITIAL REGISTRATION IN ANY APPLIED MUSIC COURSE.

## APPLIED MUSIC COURSES FOR UNDERGRADUATES

MUSIC 180	PIAND. 4 HOURS						
58891	CONF	А	ARR	209	S M	Н	KARP
58902	CONF	В	ARR	204	S M		RICHARDS
58910	CONF	c	ARR	112	SM		FLETCHER
58927	CONF	D	ARR	206	SM	Н	STRAVINSKY
58934	CONF	E	ARR	201	SM	H	SANDERS
58941	CONF	F	ARR	205	S M	H	HEILES
58959	CONF	G	ARR	202	S H		
58966	CONF	Н	ARR				
58973	CONF	I	ARR				
58981	CONF	J	ARR				
58998 59001	CONF	K	ARR ARR				
59018	CONF	M	ARR				
		M	ARR				
	VOICE. 3 HOURS						
59025	CONF	Δ	ARR	203	S M	H	BAILEY
59032	CONF	В	ARR	207	SM	Н	ELYN
59040	CONF	С	ARR	202	SM		CLARK
59057	CONF	D	ARR	211	S M		
59064	CONF	E	ARR	215	SM		
590 <b>71</b> 59089	CONF	F G	ARR	200A			W MILLER
59096	CONF	Н	ARR ARR	200B 210	SM		BUR DETTE REYNOLDS
59107	CONF	Ī	ARR	210	SH		WILSON
59114	CONF	j	ARR	206	SH		CRAWFORD
59121	CONF	K	ARR	200	5 11		CHANTOND
59139	CONF	L	ARR				
59146	CONF	M	ARR				
59153	CONF	N	ARR				
MUSIC 182	DRGAN.						
	4 HOURS						
59161	CONF	A	ARR	200	SM		PETTINGA
59178	CONF	В	ARR	200	S M		HAMILTON
59185	CONF	С	ARR	105	S M	H	
	VIOLIN.						
	4 HOURS						
59192	CONF	A	ARR	202	SA		ROLLAND
59203	CONF	В	ARR	208	SA		SCHMITT
59211	CONF	С	ARR	205	S A		FARMER
	VIOLA.						
	4 HOURS						
59228	CONF	A	ARR	0.05			F.10.1150
59235	CONF	β	ARR	205	SA		FARMER

MUSIC	185	CELLO.						
	2 OR	4 HOURS		400	201			CUENCON
	592 <b>4</b> 2 592 <b>5</b> 0	4 HOURS CONF CONF	В	ARR ARR	105	S	A	SWENSON FARRELL
MUSIC	186	STRING BASS. 4 HOURS CONF						
	2 OR	4 HOURS		ARR		_		W201 701
	59267	CUNF	А	AKK	9	2	МН	KROLICK
MUSIC	2 DR	FLUTE . 4 HOURS						
	59274	CONF	Α	ARR	10	S	M H	DELANEY
	59281	4 HOURS CONF CONF	В	ARR	10	S	м н	4
MUSIC	188	CLARINET. 4 HOURS						
	50200	CONE	A	APP	1.1	-	мн	MCDOWELL
	59300	CONF	Ř.	ARR	12	5	МН	COGGINS
	59317	4 HOURS CONF CONF CONF	С	ARR	12	S	н н	MCDOWELL COGGINS DE ROCHE
MUS IC	189	OBOE.						
	2 OR	4 HOURS CONF		400		_		EDLEFSEN
	59324	CUNF	А	AKK	2	2	н н	ENLERSEN
MUSTC	190	BASSOON.						
MUSIC								
	59331	CONF	Α	ARR	105	S	Н	BERRY
MUSIC	191	CORNET AND TRU	JMPET.					ŧ
	5 OR	4 HOURS	A	ADD	1.4	c	M H	SEVION
	59356	4 HOURS CONF EONF	В	ARR	14	S	M H	SEXTON BARROW
								'
MUSIC	192	FRENCH HORN. 4 HOURS CONF						,
	2 OR	4 HOURS						
	59363	CONF	A	ARR	4	2	МН	HOLDEN
								1
MO21C	2 00	TROMBONE. 4 HOURS						
	59371	CONF	Α	ARR	8	S	мн	GR AY
MUSIC	194	BARITONE.						,
	2 OR	4 HOURS						
	59388	CONF	Α	ARR	206	Р	A	PERANTONI
MUCTO	105	TUBA.						
HO21C								
	59395	4 HOURS CONF	Α	ARR	206	Ρ	Α	PERANTONI
MUSIC	196	PERCUSSION.						
	2 OR	4 HOURS						
	59406	CONF	A	ARR	6	S	MH	SIWE FAIRCHILD
	59413	4 HOURS CONF CONF CONF	C	ARR	6	5	M H M H M H	FAIRCHILD
	37721	COM	C	40.0	0	3		
MUSTO	197	HARP.						
	2 OR	4 HOURS						
	59438	CONF	A	ARR	113	S	МН	ROSENFIELD
MUSIC	198	ALTO SAXOPHONE						
	59445	4 HOURS CONF	A	ARR	12	S	мн	COGGINS

A ARR 101 S M H

HUNTER

## APPLIED MUSIC COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PREREQUISITE: FOR STUDENTS IN THE BACHELOR OF MUSIC CURRICULUM, JUNIOR STANDING IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN MUSIC EDUCATION, COMPLETION OF THE CURRICULAR REQUIREMENT IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN OTHER COLLEGES OF THE UNIVERSITY, COMPLETION OF FOUR SEMESTERS IN THE COMPARABLE APPLIED MUSIC COURSE AT THE 100 LEVEL. QUALIFYING EXAM FOR TRANSFER STUDENTS.

	MUSIC	380 2 OR 59460		OR	1/2 OR	1	UNIT ARR	209 204	9	S N	. н	KARP
		59477 59484 59491 59502 59510 59527	CONF		B C D E F G		ARR ARR ARR ARR ARR	204 112 206 201 205 202	2 6 1 5	S A S A S A	1 11 11 11 11 11	RICHARDS FLETCHER STRAVINSKY SANDERS HEILES
	MUSIC		VOICE. 3 HOURS, CONF CONF CONF CONF CONF CONF CONF CONF					203 207 203 211 215 200 200 210 210 206	7 2 1 5 0 0 0 0 0	S M S M S M S M S M S M	H H H H H H H H H	BAILEY ELYN CLARK W MILLER BURDETTE REYNOLDS WILSON CRAWFORD
	MUSIC	382 2 OR 59648 59655	ORGAN. 4 HOURS, CONF	OR	1/2 OR A B	1	UNIT ARR ARR	200 200	0	S M	! н	PETTINGA HAMILTON
	MUSIC	2 OR	VIOLIN. 4 HOURS, CONF CONF	OR	1/2 OR A B C	1	UNIT ARR ARR ARR	202 208 205	U	, ,		ROLLAND SCHMITT FARMER
	MUSIC	2 OR	VIOLA. 4 HOURS, CONF									
	MUSIC	2 OR	CELLO. 4 HOURS, CONF	OR	1/2 OR A B	1	UNIT ARR ARR	201 105	1 :	S A		SWEN SON FARRELL
	MUSIC	2 OR	STRING B	GR	1/2 OR			ş	9	4 2	1 н	KROL ICK
)			FLUTE. 4 HOURS, CONF					10	0	S M	Н	DELANEY
	MUSIC	2 OR	CLARINET 4 HOURS, CONF	GR	1/2 OR A B	1	UNIT ARR ARR	11 12	1 2	S A	Н	MCDOWELL COGGINS

MUSIC	389	OBOE. 4 HOURS, OF							
	5 9 7 6 9	CONF	1/2 OR 1	ARR	2	c	м	н	EDIFESEN
	,,,,,,	00	_		-	,	.,	**	COLCY SCH
MUCTO	300	0.4.0.001							
MUSIC	2 OR	BASSOON. 4 HOURS, OF	R 1/2 DR 1	UNIT					
	59776	CONF	A	ARR	105	S	Н		BERRY
MUSTO	391	CORNET AND 4 HOURS, OF CONF	TRIMPET.						
1.0310	2 OR	4 HOURS, OF	2 1/2 OR 1	UNIT					
	59783	CONF	Α	ARR	14	5	М	Н	SEXTON
MUSIC	392	FRENCH HORE 4 HOURS, OF CONF	٧.						
	2 OR	4 HOURS, OF	R 1/2 OR 1	UNIT					
	59791	CONF	Α	ARR	4	S	М	Н	HOLDEN
MUSIC	393	TROMBONE. 4 HOURS, OF							
	2 OR	4 HOURS, OF	R 1/2 OR 1	UNIT	2	S			GRAY
	37001	CONF	Α.	AFR	8	3	m	П	GRAT
MUSIC	394	BARITONE. 4 HOURS, OF	1 (2 00 1	UNITE					
	59819	CONF	A 172 UK 1	ARR	206	Р	Δ		PERANTONI
	,,,,,,								
	205	THE							
WOZIC	395 2 DR	TUBA. 4 HOURS, OF	R 1/2 OR 1	UNIT					
	59826	CONF	A	ARR	206	P	Δ		PERANTONI
MHSIC	396	PERCUSSION							
110310	2 OR	PERCUSSION. 4 HOURS, OF CONF	1/2 OR 1	UNIT					
	59833	CONF	A	ARR		S	М	H	SI WE FAIRCHILD
	59841	CUNF	В	ARR	6	S	М	Н	FAIRCHILD
MUSIC	397	HARP. 4 HOURS, OF CONF							
	2 OR	CONF	1/2 OR 1	UNIT	113	c	м	ш	DOSENETEL
	77070	CONF	M	41111	113	3	178	П	KOSENFICE
MUSIC	398 2 OP	SAXOPHONE. 4 HOURS, OF CONF	2 1 /2 OP 1	HALL					
	59865	CONF	A	ARR	12	S	М	Н	COGGINS
MUSTC	300	HARPSICHORE 4 HOURS, OF CONF							
	2 OR	4 HOURS, OF	1/2 OR 1	UNIT					
	59872	CONF	Α	ARR	101	S	М	Н	HUNTER
			APPLIED !	MUSIC	COURSES FOR GRADUATES	S			
MUSTO	480	PIANO.							
	PRER	EQUISITE: B	ACHELOR OF	MUSIC	DEGREE, SUCCESSFUL (	COM	PLE	ETION OF A	
	QUAL	IFYING EXAM	INATION GI	VEN BY	THE GRADUATE COMMIT	LEE	•		
	59880	DR 1 UNIT	Δ	ARR	209	ς	М	Н	KARP
	59897	CONF	В	ARR	204	S	М	Н	KARP RICHARDS
	59908	CONF	C	ARR	112	S	M	H	FLETCHER STRAVINSKY SANDERS HEILES
	59915	CONF	D	ARR	206	5	M	H	SIRAVINSKY
	59930	CONF	F	ARR	205	S	М	н	HEILES
	59947	DR 1 UNIT CONF CONF CONF CONF CONF CONF CONF	G	ARR	202	S	Н	H H H H H H	
MUSIC	481	VOICE.							
	PRER	EQUISITE: BA	CHELOR OF	MUSIC	DEGREE, SUCCESSFUL O	OM	PLE	TION OF A	
	QUAL:	TR 1 UNIT	NATION GI	VEN BY	THE GRADUATE COMMITT	EE	•		
	59954	CONF	А	ARR	203	S	М	Н	BAILEY
	59961	CONF	В	ARR	207	S	М	H	ELYN
	59979	CONF	C	ARR	202 211	S	M	H	CLARK
	59993	CONF	E	ARR	211	5	M	Н	
	60000	IFVING EXAM! OR 1 UNIT CONF CONF CONF CONF CONF CONF CONF CONF	F	ARR	2004	S	М	H H H H	W MILLER
	60017	CONF	G	ARR	2008	3 5	14	H	BURDETTE REYNOLDS
	60024	CONF	I	ARR	210	5	H	n	WILSON
	00001	00.11	•		210				

MUSIC 482 ORGAN. PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.

1/2 OR 1 UNIT 60049 CONF 60056 CONF

STRING INSTRUMENTS. MUSIC 483 PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE. ARR

ARR

В

1/2 OR 1 UNIT

60063

KROLICK AND STRING FACULTY

PETTINGA

HAMIL TON

MUSIC 484 WIND INSTRUMENTS.

PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE.

60071 CONF

1/2 OR 1 UNIT 11 S M H

MCDOWELL AND WIND FACULTY

SIWE

PERCUSSION INSTRUMENTS. MUSIC 485

CONE

PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.

1/2 OR 1 UNIT

60088 CONE 6 S M H ARR Δ

MUSIC 489

DOCTORAL PROJECTS.

OPEN ONLY TO STUDENTS IN THE DOCTOR OF MUSICAL ARTS PROGRAM.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 TO 3 UNITS

A ARR 60095 CONF 210 1203 W NEV

MUSIC 499 THESIS RESEARCH.

PREREQUISITE: CONSENT OF ADVISOR.

O TO 4 UNITS

60106 CONF ARR

210 1203 W NEV

200 S M H 200 S M H

9 S M H

# SUPPLEMENTARY INSTRUMENTS

NOTE: THESE COURSES ARE OPEN AS ELECTIVES TO STUDENTS FROM OTHER COLLEGES. IN COURSES INVOLVING TWO INSTRUMENTS, TWO DAYS A WEEK ARE SPENT ON EACH INSTRUMENT FOR THE ENTIRE SEMESTER. PREREQUISITE FOR ALL NON-MUSIC STUDENTS: CONSENT OF INSTRUCTOR.

### COURSES FOR UNDERGRADUATES

STRING INSTRUMENTS. PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.

2 HOURS \*SECTION A IS FOR BEGINNERS. S SECTION B IS FOR ADVANCED STUDENTS. MTUWTHE 5 S M H 60113 LAB-DISC \*A 9 60121 LAB-DISC \*B 10 KROLICK AND

MTUWTHE

D MILLER

MUSIC 171 CLARINET. 2 HOURS

60138 LAB-DISC A 60145 LAB-DISC B 8 MTUWTHF 5 S M H MTUWTHF 12 S M H DE ROCHE COGGINS

MUSIC 172 CORNET OR TRUMPET.

2 HOURS

60152 LAB-DISC A 60160 LAB-DISC B 8 MTUWTHF MTUWTHF SMH 14 BARROW

MUSIC 173 FLUTE AND SAXOPHONE.

PREREQUISITE: MUSIC 171.

2 HOURS

60177 LAB-DISC A 10 MTUWTHE 10 S M H COGGINS AND DELANEY

MUS I C		SITE: MUSIC		ussion.					
	2 HOURS 60184	LAB-DISC	Α	10	MTUWTHE	4	S M	н	HOLDEN AND FAIRCHILD
MUSIC	PREREQUE 2 HOURS	SITE: MUSIC		AND TUBA.					
	60191	LAB-DISC	Α	8	MTUWTHE	25	S M	Н	PERANTONI
MUSIC	176 080	E AND BASS	OON.						
	PREREQUI 2 HOURS	SITE: MUSIC	171.						
	60202	LAB-DISC	Α	1	MTUWTHF	2	S M	Н	BERRY AND EDLEFSEN
MUSIC	177 CLA	SS PIANO IN							
	2 HOURS								
		I-MUSIC STUD A-G: LEVE		NLY					
		H-K: LEVE							
	SECTIONS	L-Q: LEVE	THREE						
		R-U: LEVEL				_			
	60266 60210	LAB-DISC LAB-DISC	* A B	Б	M W TU TH		PA		MAR SHALL ELLISTON
	60273	LAB-DISC	*C	1 11	M W		PA		BERENSON
	60227	LAB-DISC	D	9	์ เบ้าห	5			LYKE
	60234	LAB-DISC	E	9	M W	5	PA		ELLISTON
	60241		F	I	M W	5	PA		ELLISTON
	60259		G	2	M W	5	PA		BERENSON
	60281	LAB-DISC	H	8	TU TH	3	PA		MARSHALL
	60298	LAB-DISC	1	10	TU TH		PA		BERENSON
	60309	L AB-DISC	J	В	M W	3			
	60316	LAB-DISC	K	9	M W		PA		MARSHALL
	60323	LAB-DISC	L	2	M W		PA		MARSHALL
	60331	LAB-DISC		1	TU TH	3			BERENSON
	60348 60355	LAB-DISC LAB-DISC	N D	10 3	M W TU TH	3	PA		ELLISTON
	60362	LAB-DISC	P	9	TU TH	3			BERENSON
	60370	LAB-DISC	۵	2	TU TH		PA		LYKE
	60387		R	7 P M	TU TH		PA		MARSHALL
	60394	LAB-DISC	S	I	M W		PA		MARSHALL
	60405	LAB-DISC	T	12	M W	5			
	60412	L AB-DISC	U	12	TU TH	5	РΔ		MARSHALL
MUSIC	178 CLA								
	2 HOURS	C AND MUSIC							
	60420	LAB-DISC	A	9	TU TH	203			BAILEY
	60437 60444	LAB-DISC LAB-DISC	B C	2 10	TU TH TU TH	206 203			CRAWFORD VICKERMAN
		COURSE	S FOR A	DVANCED UI	NDERGRADUATE	S AND	GRAD	UATES	
MUSIC	377 CLA PREREQUI				COMPLETED),	104 AN	D 10	9.	
	OR CONSE	NT OF INST	RUCTOR.						

MUSIC	377	CLASS PIANO (A	DV ANCED)						
	PRERE	QUISITE: MUSIC	180 (12	HOURS (	COMPLET	ED),	104	AND	109.
	OR CO	INSENT OF INSTR	UCTOR.						
	*STUD	ENTS MAY ACCUM	ULATE 4	HOURS OF	R 1 UNI	Τ.			
	*2 HO	URS OR 1/2 UNI	T						
	SECTI	ONS A AND B: L	EVEL ONE						
	SECTI	ON C: LEVEL TW	0.						
	60451	LAB-DISC	A	10	TU	TH		5 F	Α
	60469	LAB-DISC	В	3	TU	TH		5 F	Α
	60476	LAB-DISC	С	2	TU	TH		5 F	Α .

LYKE ELLISTON BERENSON

# ENSEMBLE COURSES

NOTE: ALL ENSEMBLE COURSES REQUIRE CONSENT OF INSTRUCTOR.

FOR BAND ENSEMBLES SEE BANDS.

# COURSES FOR ADVANCED UNDERGRADUATES

		aca university s	DCUE STO				
	MUSTE	250 UNIVERSITY O					
		60483 PRACT	A	730PM 4	M W F	ORCH RHRSE KRAN ORCH RHRSE KRAN	GOODMAN GOODMAN
	MUSIC	251 CHAMBER ORCH PREREQUISITE: COM 1/2 HOUR	SENT OF				
		60491 PRACT	A	11 11	MTU W	ORCH RHRSL KRAN A ENSEMBLE KRAN	
	MUS IC	252 WIND ENSEMBL	. E •				
		60501 PRACT	A	11-1230	W F	ORCH RHRSL KRAN	GR AY
	MUSIC	253 COLLEGIUM MU	SICUM.				
		60519 PRACT		ARR		101 S M H	HUNTER
	MUSIC	254 STRING ENSEM	BLE.				
		*CLASS MEETS AT 1 60526 PRACT				NGED. 9 S M H	KROLICK AND STRING FACULTY
	MUSIC	255 WOODWING ENS	EMBLE.				
		1/2 HOUR *CLASS MEETS AT 1 60533 PRACT			TO BE ARRA	NGED. 11 S M H	MCDOWELL AND
							WOODWIND FACULTY
	MUSIC	256 BRASS ENSEME	SLE.				
		1/2 HOUR 60541 PRACT	A	11	м ы ғ	14 S M H	GRAY, HOLDEN, SEXTON, & PERANTONI
	MUSIC	257 PERCUSSION E 1/2 HOUR					
		*CLASS MEETS AT 1 60558 PRACT				6 S M H	SIWE AND FAIRCHILD
	MUSIC	258 PIANO ENSEME	LE.				
		1/2 HOUR 60565 PRACT		4-6	М	112 S M H	FLETCHER
	MUSIC	259 ORGAN KEYBOA	RD TECH	NI QUES .			
		1 HOUR 60572 CONF	A	ARR		200 S M H	HAMILTON AND PETTINGA
)	MIISTO	260 DRATORIO SOC	IETV				
	10310	1/2 HOUR NOTE: OPEN TO STU		EACINITY AND	TOWNSDEAD		
		60580 PRACT	A A	8-950P	M TH	CHOS RHRSL KRAN	DE CK ER

MUSIC 261 UNIVERSITY CHORUS. OPEN TO STUDENTS, FACULTY AND TOWNSPEOPLE. 1/2 HOUR 1/2 MUUN \*SECTION B IS FOR OPERA CHORUS. 1597 PRACT A 630-8PM M W CHOS RHRSL KRAN 1608 PRACT \*B 4~530 TU TH A ENSEMBLE KRAN 60597 60608 MUSIC 262 WOMENS GLEE CLUB.

OPEN TO ALL WOMEN STUDENTS. 1/2 HOUR 4-530 TU TH CHOS RHRSL KRAN OLSON 60615 PRACT MENS GLEE CLUB. MUSIC 263 OPEN TO ALL MEN STUDENTS. 1/2 HOUR 60622 PRACT 630-8PM TU TH CHOS RHRSL KRAN OLSON UNIVERSITY CHOIR. 1/2 HOUR 60630 PRACT A 4-515 M W F CHOS RHRSL KRAN DECKER MUSIC 265 OPER OPERA WORKSHOP AND ENSEMBLE. 60647 PRACT A TU TH OPERA RHRSL KRAN 3-6 7 TRNER 6 JAZZ BAND.
PREREQUISITE: CONSENT OF INSTRUCTOR, DETERMINED BY AUDITIONS. 1/2 HOUR PRACT A
PRACT B
PRACT C
PRACT C
PRACT D PRACT 60654 ARR ORCH RHRSL KRAN GARVEY ARR 60661 GARVEY 60679 GARVEY ARR GARVEY 60686 7 HARP ENSEMBLE.
PREREQUESITE: MUSIC 197 AND/OR 397. MUSIC 267 1/2 HOUR CONF Δ 113 S M H ROSENFIELD 60693 ARR SMALL CHORAL ENSEMBLES. 1/2 HOUR 12 60704 PRACT M W CHOS RHRSL KRAN F A ENSEMBLE KRAN HUNTER В MUSIC CONVOCATIONS AND CONCERTS. O CREDIT \*EVENING CONCERTS TO BE ARRANGED. В TH RECITAL HALL 60711 LAB \*11 COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 350 ADVANCED ENSEMBLE MUSIC. PREREQUISITE: REGISTRATION IN APPLIED MUSIC AT THE 300 LEVEL AND CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT \*SECTION A IS FOR INSTRUMENTAL, SECTION 8 FOR OPERATIC, SECTION C FOR COLLEGUIM, SECTION D FOR CONTEMPORARY MUSIC, SECTION E FOR CONTEMPORARY PIANO IMPROVISATION, SECTION F FOR UNIVERSITY CHORALE. PRACT 9 S M H KROLICK 60729 AND STA AND STAFF 3-5 ARR ARR OPERA RHRSL KRAN 60736 PRACT \*B M W PRACT 60743 \*C \*D 101 S M H HUNTER 60751 PRACT PRACT \* E 3 M W 5 P A
TU TH CHOS RHRSL KRAN FLLISTON 60768 DECKER 60775 F

### VOCAL DICTION COURSES

#### COURSES FOR UNDERGRADUATES

MUSIC	166 EN	IGLISH DIC	TION.						
	PREREQU	JI SI TE: FR	ESHMAN S	TANDING I	N VOICE	OR CONSENT O	) F	INSTRUCTOR.	
	CONCURR	ENT REGIS	TRATION	IN MUSIC	181.				
	1 HOUR								
	60782	CONF	A	ARR		203	S	м н	BAILEY
	60790	CONF	В	ARR		207	S	M H	ELYN
	60801	CONF	C	ARR		202	S	M H	CLARK
	60818	CONF	D	ARR					
	60825	CONF	E	ARR					
	60832	CONF	F	ARR		200A	S	M H	W MILLER
	60840	CONF	G	ARR		200B	S	мн	BURDETTE
	60857	CONF	н	ARR		210	S	м н	REYNOLDS
	60864	CONF	I	ARR		219	S	H	WILSON
	60871	CONF	J	ARR		206	S	Н	CRAWFORD
	60889	CONF	K	ARR					

MUSIC 167 ITALIAN DICTION.

PREREQUISITE: FRESHMAN STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR
60896 LAB-DISC A 2 TU TH 25 S M H VICKERMAN

MUSIC 168 GERMAN DICTION.

PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

MUSIC 169 FRENCH DICTION.

PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR,

CONCURRENT REGISTRATION IN MUSIC 181.

1 HOUR

60914 LAB-DISC A 9 TU TH 116 1203 W NEV CLARK

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

TU TH 215 S M H

MUSIC 366 VOCAL REPERTOIRE, I.

PREREQUISITE: JUNIOR STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
CONCURRENT REGISTRATION IN MUSIC 381.
1 HOUR
60921 LAB-DISC A 1 TU TH 210 S H WILSON

# MUSIC LITERATURE COURSES

PROSEMINAR .

MUSIC 320

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

```
PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC OR MUSIC
           PRENEGUISITE: SENIOR OR GRADUATE STANDING IN MU
EDUCATION, CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 8 HOURS OR 2 UNITS.
*2 OR 4 HOURS, OR 1/2 OR 1 UNIT
SECTION A TOPIC: INDIVIDUAL PROJECTS.
SECTION B TOPIC: PROSEMINAR IN MUSIC EDUCATION.
SECTION C TOPIC: CHORAL LAB.
           SECTION D TOPIC: PERFORMANCE PROBLEMS IN BAROQUE KEYBOARD MUSIC;
           BACH DARTITAS.
           SECTION E TOPIC: COMPOSITIONAL ASPECTS OF CHORAL MUSIC.
        60939
                                                                        202 H A
                                                                                                 NETTL AND
                                                                                                 GRADUATE
                                                                                                 FACULTY
        60946
                      LECT-DISC B
                                                4-6
                                                                        116 1203 W NEV
                                                                                                 LEONHARD
                                                          M W E
                                                                      CHOS RHRSL KRAN
        60953
                      LAB-DISC
                                    C
                                                ٥
                                                                                                 DECKER
                                                                                                 J. SMITH
        60961
                      LAB-DISC
                                    n
                                                                        101 S M H
                                                                                                 HUNTER
                                           ARR
        60978
                      LECT-DISC E
                                                                       103 S M H
                                                                                                 BINKERD
MUSIC 322
                 INTRODUCTION TO MUSICOLOGY.
           PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC OR CONSENT OF
           INSTRUCTOR.
           *STUDENTS MAY ACCUMULATE 6 HOURS, OR 2 UNITS.

*3 HOURS, OR 1/2 OR 1 UNIT

985 LECT-DISC A 1 TU
                                                                       201 H A
                                                                                                 KELLMAN
        60985
                                               1-3
                                                              TH
                                                                       201 H A
                                    Δ
                 OPERA PRODUCTION, I.
MUSIC 323
           PREREQUISITE: MUSIC 265, 381, AND CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT
         60992
                     CONF
                                    Δ
                                           ARR
                                                                     OPERA RHRSL KRAN
                                                                                               ZIRNER
                                         COURSES FOR GRADUATES
MUSIC 420
                 SEMINAR IN MUSIC LITERATURE.
           REQUIRED OF ALL STUDENTS ENROLLED IN THE DOCTORAL MUSICAL
           ARTS PROGRAM.
           PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
        *1 UNIT
61005
                                                                                               I. THOMAS
                     LECT-DISC A
                                               2-5
                                                                       201 H A
              RESEARCH IN MUSIC EDUCATION.
MUSIC 421
           REQUIRED OF ALL CANDIDATES FOR THE DOCTOR OF EDUCATION DEGREE IN
           MUSIC EDUCATION.
           PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION OR CONSENT OF
           INSTRUCTOR.
           1 UNIT
        61012
                     LECT-DISC A
                                                9-11
                                                         TU
                                                                        104 1203 W NEV
                                                                                               BERGETHON
           SEMINAR IN THEORY OF MUSIC.
PREREQUISITE: GRADUATE STANDING IN MUSIC THEORY OR CONSENT OF
MUSIC 422
           INSTRUCTOR.
           1/2 OR 1 UNIT
                      LECT-DISC A
                                                          TO TH
                                                                       116 1203 W NEV
         61020
                                             1.0
           SEMINAR IN THE WORKS OF A SELECTED COMPOSER.
PREREQUISITE: MUSIC 213-214 AND TWO OF THE FOLLOWING:
MUSIC 310, 311, 312, 313, 315, OR EQUIVALENT.
*STUDENTS MAY ACCUMULATE TWO UNITS.
MUSIC 424
           *1 UNIT
           TOPIC: BEETHOVEN.
         61037
                     LECT-DISC A
                                              9
                                                          M W F
                                                                        101 H A
                                                                                                FRUM
                PROBLEMS AND METHODS.
           REQUIRED OF ALL STUDENTS IN THE MASTER OF MUSIC PROGRAM EXCEPT
           THOSE MAJORING IN MUSICOLOGY.
           1 UNIT
                      LECT-DISC A
                                                          TU
TH
                                                                                                MACDONALD
         61044
                                                9-12
                                                                        201 H A
         61051
                                               9-12
                                                                        201
                                                                             H A
                                                                                                BEHAGUE
```

# NAVAL SCIENCE

DEPARTMENT OFFICE

239 ARMORY

ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED.

ALL UNITS BATTALION PARADE 3-5

THURS, DEC 17, 1970

### COURSES FOR UNDERGRADUATES

		IRED OF ALL	NROTC STU	DENTS .			
	0 CRI 61069	LAB	A	3-5	TH	101 ARMORY	STAFF
	01009	LAD	Ä	3-5	TH	ARMORY FLOOR	STAFF
	61076	LAB	В	3-5	TH	349 ARMORY	STAFF
			В	3-5	TH	ARMORY FLOOR	STAFF
	61083	LAB	С	3-5	TH	137 ARMORY	BEAUDRY
			С	3-5	TH	ARMORY FLOOR	BEAUDRY
	61091	LAB	Ð	3-5	TH	250 ARMORY	STAFF
			D	3-5	TH	ARMORY FLOOR	STAFF
	61101	LAB	E	3-5	TH	253 ARMORY	MCHENRY
			E	3-5	TH	ARMORY FLOOR	MCHENRY
	61119	LAB	F	3-5	TH	136 ARMORY	MCHENRY
			F	3-5	TH	ARMORY FLOOR	MCHENRY
N S	111	PRINCIPLES	OF NAVAL	DRGANIZATIO	N AND MAN	AGEMENT.	

111 PRINCIPLES OF NAVAL ORGANIZATION AND MANAGEMENT. PREREQUISITE: APPROVAL OF PROFESSOR OF NAVAL SCIENCE; REGISTRATION IN N. S. 100. 3 HOURS 61126 253 ARMORY 101 ARMORY STAFF LECT-DISC C 10 61133 STAFF

### COURSES FOR ADVANCED UNDERGRADUATES

NAVIGATION AND NAVAL OPERATIONS, I.
PREREQUISITE: JUNIOR STANDING IN NAVAL OFFICER TRAINING PROGRAM,
REGISTRATION IN N. S. 100. N S 3 HOURS 61141 LECT-DISC N 10-1130 TU TH 250 ARMORY BEAUDRY

NAVAL WEAPONS SYSTEMS, I.
PREREQUISITE: SENIOR STANDING IN NAVAL OFFICER TRAINING PROGRAM; N S REGISTRATION IN N. S. 100.

REGISING. -3 HOURS
61158 LECT-DISC 8
61156 LECT-DISC C 250 ARMORY 250 ARMORY 10

293 HISTORY OF AMPHIBIOUS WARFARE.
PREREQUISITE: SENIOR STANDING IN NROTC, REGISTRATION IN N. S. 100. NS 3 HOURS 61172 LECT 9-1030 TU TH 253 ARMORY MCHENRY

#### NUCLEAR ENGINEERING

DEPARTMENT OFFICE

214 N E L

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NUC E 302 NUCLEAR POWER ENGINEERING.

SAME AS M. E. 302.
PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS OR 1 UNIT

Q M W F 235 M E B 61180

INTRODUCTION TO NUCLEAR ENGINEERING.

PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 397 OR PHYCS. 382,

OR EQUIVALENT.

4 HOURS OR 1 UNIT

61197 LECT-DISC

203 NEL 203

NUC E 397 RADIOCHEMISTRY.

SAME AS CHEM. 397.

PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT

LECT 10 TU TH S 161 N L 61208

NUC E 398 RADIOCHEMISTRY LABORATORY. SAME AS CHEM. 398. PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER

OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.

2 HOURS OR 1/2 UNIT

61215 DISC

11 111 1-4 LAB TU 20

COURSES FOR GRADUATES

FUNDAMENTALS OF NUCLEAR ENGINEERING.
PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 397 OR PHYCS. 382
OR EQUIVALENT, AND CREDIT IN MATH. 345, OR EQUIVALENT, OR CONSENT

OF INSTRUCTOR.

1 UNIT 61222 LECT-DISC 8 MTU THE 203 N E L

NUC E 431

NUCLEAR METALLURGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

61230 LECT-DISC M W F

LAB

NUCLEAR RADIATION SHIELDING. NUC E 441 PREREQUISITE: NUC. E. 349, AND CREDIT OR REGISTRATION IN NUC. E. 455; CONSENT OF INSTRUCTOR.

1 UNIT 61247

LECT-DISC

2 M W F 203 N E L

REACTOR LABORATORY.

PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT 61254 DISC

203 N E L 1 NUC REACTOR LAB 61261 LAB Α 1-5 TH NUC 454 NUCLEAR ENGINEERING LABORATORY INVESTIGATIONS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 TO 2 UNITS 61286 COMF TH

NUC E 454

STAFF

NUCLEAR REACTOR ENGINEERING.

PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR.

1 UNIT

61293

LECT-DISC

8-10 TU TH 211 N E L

203 N F I

SPECIAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR. NUC E 490 1/2 OR 1 UNIT 

NUCLEAR ENGINEERING PROBLEMS.
PREREQUISITE: AT LEAST THREE UNITS OF GRADUATE WORK AND CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS NUC E 495 61329 CONF ARR

STAFF

NUC E 497 SEMINAR IN NUCLEAR SCIENCE AND ENGINEERING.

O CREDIT

TU 203 NEŁ W 203 NEŁ 61336 LECT-DISC A 61343 LECT-DISC B

NUC E 499 THESIS RESEARCH.
0 TO 4 UNITS

61351

CONF ARR STAFF

OCCUPATIONAL THERAPY

1207 W. OREGON DEPARTMENT OFFICE

COURSES FOR UNDERGRADUATES

O OCCUPATIONAL THERAPY ORIENTATION.

PREREQUISITE: REGISTRATION IN THE OCCUPATIONAL THERAPY CURRICULUM. 2 HOURS 368 LECT-DISC

TU TH 148 ADMIN 61368 B. D. WADE

PERSIAN

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

ELEMENTARY PERSIAN, I.
PREREQUISITE: CONSENT OF INSTRUCTOR. PERS 201

5 HOURS

61375 1 ECT-DISC 11

MTUWTHE 405 M H NETZER

PERS 205 INT 3 HOURS INTRODUCTION TO PERSIAN CULTURE AND LITERATURE.

61382 LECT-DISC ARR TIKKO

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

303 INTERMEDIATE PERSIAN, I.
PREREQUISITE: PERS. 202 OR CONSENT OF INSTRUCTOR.

5 HOURS OR 1 UNIT LECT-DISC

10 MTUWTHE 405 M H NETZER

PERS 305

OS ADVANCED PERSIAN, I.
PREREQUISITE: PERS. 304 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT
61401 LECT-DISC ARR 61401 NET7ER DEPARTMENT OFFICE

201 M M B

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PET E 371 RESERVOIR MECHANICS, I.
PREREQUISITE: MATH. 345 AND T. A. M. 235.
3 HOURS OR 1 UNIT
61418 LECT-OISC ARR

### PHILOSOPHY

DEPARTMENT OFFICE

105 G H

HUGLY WENGERT

MAJOR: TWENTY HOURS FROM ANY COURSES OFFERED BY THE DEPARTMENT, INCLUDING PHIL. 102, 303, 306, 321, AND ONE ADDITIONAL 300 COURSE IN PHILOSOPHY.

MINORS: TWENTY COURSE HOURS FROM THE SUBJECTS RECOGNIZED AS MAJORS BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR FROM ANY APPROVED LAS INTERDEPARTMENTAL CURRICULUM, OR FROM EDUCATION OR LIBRARY SCIENCE OR LINGUISTICS. RHETORIC 101, 102, 107, 108, FIRST-YEAR MODERN FOREIGN LANGUAGE COURSES, AND COURSES IN APPLIED MUSIC ARE EXCLUDED. IF TWO DEPARTMENTS OR CURRICULA ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

FRESHMAN JAMES SCHOLARS ARE AUTOMATICALLY PERMITTED TO TAKE ANY 100 LEVEL PHILOSOPHY COURSE.

#### COURSES FOR UNDERGRADUATES

PHIL	101 INTRODUCTION TO PHILOSOPHY.	
	PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF	
	THE DEPARTMENT.	
	3 HOURS	

3 HUUK\$									
61425	LECT-DISC	A 1	8	M	W	F	327	G H	
61432	LECT-DISC	A2	8	М	W	F	321	G H	
61440	LECT-DISC	B 1	9	M	W	F	327	G H	TURQUETTE
61457	LECT-DISC	C	10	M	W	F	207	G H	SHWAYDER
61464	LECT-DISC	D1	11	М	W	F	207	G H	
61471	LECT-DISC	D2	11	М	W	F	336	G H	
61489	LECT-DISC	El	1	М	W	F	327	G H	CHANDLER
61496	LECT-DISC	E2	I	М	W	F	207	G H	
61507	LECT-DISC	F1	2	М	W	F	207	G H	SHAPIRA
61514	LFCT-DISC	F2	2	M	W	F	207	PSYCH BLDG	
61521	LECT-DISC	G 1	3	M	W	F	327	G H	FABER
61539	LECT-DISC	G2	3	M	W	F	311	G H	
61546	LECT-DISC	L	830-10	T	J T	Н	336	G H	
61553	LECT-DISC	М	9-1030	T	U T	Н	327	G H	
61561	LECT-DISC	R	1-230	TU	J T	Н	311	G H	
61578	LECT-DISC	S	230-4	TI	U T	Н	311	G H	

PHIL 102 LOGIC.

PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.

3 HOURS									
61585	LECT-DISC	Ā	B	М	W	F	336	G H	
61592	LECT-DISC	В	9	М	W	F	311	G H	
61603	LECT-DISC	C	10	M	W	F	336	GH	
61611	LECT-DISC	D	11	M	W	F	321	G H	
61628	LECT-DISC	E	1	м	W	F	321	G H	
61635	LECT-DISC	F	2	M	W	F	196	LB	
61642	LECT-DISC	G	3	M	W	F	321	G H	
61650	LECT-DISC	M	9-1030	T	UT	Н	321	G H	
61667	LECT-DISC	N	1030-12	T	UT	Н	321	G H	
61674	LECT-DISC	R	1-230	T	U T	Н	207	G H	
61681	LECT-DISC	S	2-330	T	U T	H	336	G H	

ETHICS AND SOCIAL POLICY. PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT. \*CREDIT IS NOT GIVEN FOR BOTH PHIL. 103 AND 105. #4 HOURS 61699 LECT-DISC 11 MTUWTH 311 G H WERNER MORAL IDEAS AND PRACTICE. PHII 105 PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT. \*CREDIT IS NOT GIVEN FOR BOTH PHIL. 105 AND 103. \*2 HOURS 61700 1 FC T-D I SC A А 207 G H м 61717 LECT-DISC H LECT-DISC 2 M W 321 G H 61724 4 M W 207 TU TH 61731 я 327 G H LECT-DISC N
LECT-DISC P
LECT-DISC R
LECT-DISC S
LECT-DISC S 61749 10 TU TH 336 61756 TU TH 336 11 61763 TU TH 336 GH 61771 61788 TU TH 321 2 GH TU TH LECT-DISC 321 PHIL 110 WORLD RELIGIONS. PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT. 3 HOURS P 61795 LECT 11 TU TH 112 G H TIEBOUT 61806 DISC E1 1 336 GH E 2 61813 DISC 336 61821 DISC L1 207 G H 8 DISC 61838 8 TH 207 L2 61845 DISC 8 F 207 L3 9 61852 M N1 DISC TU 9 DISC DISC DISC 61860 10 TU 311 61877 N 2 P3 10 TH 311 G H F 61884 11 311 61891 G H DISC DISC S 2 321 61902 U1 4 321 GH 61910 TU G H 112 4 321 61927 DISC U3 4 W 321 G H 61934 DISC U4 ŤН 321 PHILOSOPHY OF SCIENCE. PHIL 170 PREREQUISITE: SOPHOMORE STANDING, OR CONSENT OF INSTRUCTOR. 3 HOURS LECT-DISC B1 9 61941 M W F 321 G H SUPPE FRESHMAN SEMINAR. PREREQUISITE: JAMES SCHOLAR--FRESHMAN STANDING. 3 HOURS 61959 LECT-DISC N 1030-12 TU TH 107 G H NEELY UNDERGRADUATE OPEN SEMINAR. PHIL 199 \*MAY BE REPEATED. \*0 TO 9 HOURS CONF 61966 ADD COURSES FOR ADVANCED UNDERGRADUATES PHI1 291 READING COURSE. PREREQUISITE: OPEN TO JUNIORS AND SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0, ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT. \*COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT. \*2 TO 4 HOURS 61973 CONE ARR PHIL 292 THESTS. PREREQUISITE: OPEN TO SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0, ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.

\*COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.

\*2 TO 4 HOURS

CONF

61981

SENIOR SEMINAR. PHIL 295 PREREQUISITE: OPEN TO SENIOR PHILOSOPHY MAJORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0 ONLY WITH CONSENT OF INSTRUCTOR. \*COURSE MAY BE REPEATED TO A TOTAL OF 6 HOURS CREDIT. #3 HOURS 61998 LECT-DISC

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOPHOMORE JAMES SCHOLARS WHO HAVE HAD NO PHILOSCPHY COURSES ARE PERMITTED TO TAKE PHIL. 303, 306, 307, AND 308. THOSE WHO HAVE HAD A PHILOSCPHY COURSE MAY TAKE ANY 300-LEVEL PHILOSCPHY COURSE.

HISTORY OF GREEK AND RUMAN PHILOSOPHY. PHIL 303 4 HOURS OR 1 UNIT \*SECTIONS &P1 AND &T1 ARE FOR GRADUATE STUDENTS, PHILOSOPHY MAJORS, AND JAMES SCHOLARS. LECT 62001 10 TU TH 213 ROBISON \*&P1 P2 R1 R2 DISC 11 TU 327 327 62018 DISC 11 GH DISC 62025 TU 321 ì 1 62032 TH 321 DISC DISC DISC DISC S1 S2 2 9 G H 9 G H 207 G H 207 G H TII 62040 \$ 2 \*& T1 62057 TH 62089 62064 3 TO 3 TH ANGLO-AMERICAN PHILOSOPHY SINCE 1900. PHIL 316 PREREQUISITE: ONE COURSE IN PHILOSOPHY. 3 HOURS OR 1 UNIT 62096 LECT-DISC C 10 M W F 321 G H HU GL Y ETHICS AND VALUE THEORY. PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT
62107 LECT-DISC D 10 M M W F 62107 311 G H PHIL 322 RECENT DEVELOPMENTS IN EMILS.
PREREQUISITE: PHIL. 103, 105, OR 321.
3 HOURS, OR 3/4 OR 1 UNIT
62114 LECT-DISC G 3 M W M W F 336 G H PHIL 323 PHILOSOPHY OF ART. 3 HOURS, OR 3/4 OR 1 UNIT 2121 LECT-DISC C 1 M W F 62121 112 C A SCHACHT PHILOSOPHY OF RELIGION. PHIL 324 PREREQUISITE: ONE COURSE IN PHILOSOPHY.

3 HOURS, OR 3/4 OR 1 UNIT
52139 LECT-DISC R 130-3 TU TH 62139 327 G H ROBISON PREREQUISITE: ONE COURSE IN PHILOSOPHY. PHIL 325 3 HOURS, OR 3/4 OR 1 UNIT N W F 311 G H PHIL 326 METAPHYSICS. PREREQUISITE: ONE COURSE IN PHILOSOPHY. 3 HOURS, OR 3/4 OR 1 UNIT 62153 9 M W F 336 G H STALNAKER O THEORY OF KNOWLEDGE.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT
2165 LECT-DISC C 10 M W F PHIL 330 92165 327 G H SUPPE ANALYTIC PHILOSOPHY.

PREREQUISITE: ONE COURSE IN PHILOSOPHY.

3 HOUPS, OP 3/4 OR 1 UNIT

62161 LECT-DISC 6 3 M PHIL 331

MWF

207 G H

PHIL	PREREQUI 3 HOURS, 62178	CCEPTION AND KNOWLE SITE: ONE COURSE I OR 3/4 OR 1 UNIT LECT-DISC E	DGE. N PHILOSOP	HY. M W F	311 G H	SHAPIRA
PH1L		BOLIC LOGIC, I. OR 3/4 OR 1 UNIT LECT-DISC D			327 G H	
PHIL	PREREQUI 3 HOURS, 62192	IAL PHILOSOPHY. SITE: PHIL. 103, 1 OR 3/4 OR 1 UNIT LECT-DISC M	05, OR 321 9-1030	OR CONSE	NT OF INSTRUCTO	DR.
PHIL	337 SEM PREREQUI 3 HOURS; 62203	ANTICS. SITE: ONE COURSE I OR 3/4 OR 1 UNIT LECT-DISC T	N LOGIC. 3-430	ти тн	327 G H	FABER
PHIL	343 PHE PREREQUI 3 HOURS, 62228	NOMENDLOGY. SITE: ONE COURSE I OR 3/4 OR 1 UNIT LECT-DISC B	N PHILOSOPI	HY. M W F	207 G H	SCHACHT
PHIL	353 MET INTENDED PREREQUI OF INSTR 3 HOURS	AMATHEMATICS, I. PRIMARILY FOR PHII SITE: PHIL. 102, O UCTOR. OR 1 UNIT	LOSOPHY MA R GRADUATE	JORS. STANDING,	OR CONSENT	
	62235	LECT-DISC F	2	MWF	336 G H	NICKLES
PHIL	PREREQUI	TEMPORARY RELIGIOU SITF: ONE COURSE I OR 3/4 OR 1 UNIT LECT-DISC L	N PHILOSOPH	HY .	311 G H	TIEBOUT
		co	URSES FOR (	CRADUATES		
			01.323 1 01. 1	DICADOATES		
PHIL	*MAY BE	INAR IN ANCIENT PH REPEATED FOR CREDI	ILOSOPHY. T.			
	*1 UNIT 62250	LECT-DISC	10-12	М	107 G H	
PHIL	*1 UNIT	INAR IN MEDIEVAL P REPEATED FOR CREDI	HILOSOPHY. T.			
	TOPIC: 0 62267	LECT-DISC	730-930PM	М	107 G H	WENGERT
PHIL	408 SEM *MAY BE   *1 UNIT	INAR IN KANT. REPEATED FOR CREDI	т.			
	62274	LECT-DISC	1-3	М	107 G H	NEELY
PHIL	411 SEM *MAY BE	INAR IN RECENT ETH REPEATED FOR CREDI	ICAL THEORY	·		
	62281	LECT-DISC	3-5	М	107 G H	WALLACE
PHIL	412 SEM *MAY BE *1 UNIT	INAR IN SOCIAL PHI REPEATED FOR CREDI	LOSOPHY. T.			
	62299	LECT-DISC	3-5	TH	107 G H	DIGGS
PHIL	*MAY BE	INAR IN METAPHYSIC: REPEATED FOR CREDI	S. T.			
	TOPIC80 62300	DDIES. LECT-DISC	1-3	ТН	107 G H	CHANDLER

PHIL	417 SE	MINAR IN THE PHI	LOSOPHY OF SCI	ENCE.			
	62317	LECT-DISC	2-4	TU	107	G H	NICKLES
PHIL	PREREQU	EMINAR IN SEMANTI AME AS COMM. 420. DISITE: GRADUATE E REPEATED FOR CR	STANDING IN PH	I LOSOPHY	OR EQU	IVALENT.	
	62324	LECT-DISC	1-3	W	107	GН	CATON
PHIL		EMINAR IN CONTEMP E REPEATED FOR CR		•			
		LECT-DISC	7-9 PM	TH	107	GН	SHWAYDER
PHIL	1 UNIT						
	62349	LECT-DISC	3-5	W	107	G H	WILL
PHIL		MINAR IN THE PHI REPEATED FOR CR		D.			
		LECT-DISC	4-6	TU	107	G H	
PHIL		MINAR IN MODERN REPEATED FOR CR					
	62363	FECT-DISC	730-930PM	TU	107	G H	
PHIL	PREREQU	EMINAR IN THE PHI JISITE: CONSENT O REPEATED FOR CR	F INSTRUCTOR.	HEMATICS			
	62371	LECT-DISC	730-930 PM	W	107	GН	
PHIL	*NOT MO MORE TH	NDIVIDUAL TOPICS. DRE THAN 1 UNIT M HAN 2 TOWARD PH. R 1 UNIT	AY BE COUNTED	TOWARD M.	.A. DEG	REE AND NO	Ť
	62388	CONF	ARR				

62388 CONF ARR

PHIL 499 THESIS RESEARCH. 0 TO 4 UNITS 62395 CONF ARR

#### PHYSICAL EDUCATION FOR MEN

#### BASIC INSTRUCTION COURSES

DEPARTMENT OFFICE

201 M O G

MEN ENTERING THE UNIVERSITY WITH LESS THAN SIXTY SEMESTER HOURS OF CREDIT (EXCEPT VETERANS WHO RECEIVE CREDIT BECAUSE OF MILITARY SERVICE, BUT WHO MAY ELECT TO TAKE PHYSICAL EDUCATION) ARE REQUIRED TO OBTAIN CREDIT FOR FOUR SEMESTERS OF PHYSICAL EDUCATION, INCLUDING THE AMOUNT TRANSFERRED. CREDIT MAY BE OBTAINED BY PASSING COURSES LISTED BELOW OR BY PASSING PROFICIENCY EXAMINATIONS WHICH ARE OFFERED AT TIMES SPECIFIED BY DEPARTMENT. PERMITS FOR TAKING PROFICIENCY EXAMINATIONS WHICH ARE OFFERED AT TIMES SPECIFIED BY DEPARTMENT. ZOI MEN'S OLD GYMNASIUM NOT LATER THAN 48 HOURS PRECEDING EACH EXAMINATION. STUDENTS ARE NOT PERMITTED TO TAKE PROFICIENCY EXAMINATIONS IN COURSES IN WHICH THEY ARE CURRENTLY REGISTERED. STUDENTS ENROLLED IN PRESCRIBED EXERCISE ARE NOT PERMITTED TO TAKE PROFICIENCY EXAMINATIONS WITHOUT SPECIAL WRITTEN PERMISSION FROM THE COORDINATOR OF PRESCRIBED EXERCISE.

#### COURSES FOR UNDERGRADUATES

NOTE: MOST PEM BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES TO FACILITATE REGISTRATION OF ADVANCE ENROLLED STUDENTS IN BASIC INSTRUCTION COURSES. THESE SEQUENCES ARE AS FOLLOWS:

SEQUENCE 1 - PEM 118, 120

SEQUENCE 1 - PER 115, 127, 129, 130
SEQUENCE 2 - PEM 115, 127, 129, 130
SEQUENCE 3 - PEM 123, 128, 134, 135, 137, 145
SEQUENCE 4 - PEM 133, 136, 142, 143

SEQUENCE 5 - PEM 112, 132, 138

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

#### P E M 100 FOUNDATIONS OF PHYSICAL ACTIVITY.

1 HOUR EACH STUDENT MUST REGISTER IN ONE LECTURE SECTION AND ONE

LAB	SECTION.							
62406	LECT	18	1	TU	100	G H		
62413	LECT	48	4	TU	100	GH		
62421	LECT	3 C	3	W	100	G H		
62438	LECT	4 C	4	W	66	LIB		
62445	LECT	100	10	TH	100	G H		
62452	LECT	10	1	TH	100	GH		
62460	LECT	9 E	9	F	103	M H		
62477	LAB	81	9	M F	310	M O	G	BALC
62484	LAB	Cl	10	M F	310	M O	G	BALC
62491	LAB	01	11	M F	310	M O	G	BALC
62502	LAB	D2	11	M F	312W	M D	G	
62510	LAB	E2	12	M F	312W	M O	G	
62527	LAB	F1	1	M F	310	M O	G	BALC
62534	LAB	F2	1	M F	312W	M 0	G	
62541	LAB	G1	2	M F	310	M O	G	BALC
62559	LAB	G2	2 3 3	M F	312W	M O	G	
62566	LAB	H1	3	M F	310	# 0	G	BALC
62573	LAB	H2		M F	312W	M O	G	
62581	LAB	J1	4	M F	310	M O	G	BALC
62598	LAB	M 1	9	TU TH	310	M 0	G	BALC
62609	LAB	N1	10	TU TH	310	M O	G	BALC
62616	LAB	V 1	11	TU TH	310	M O	G	BALC
62623	LAB	V 2	11	TU TH	312W	M O		
62631	ŁAB	P1	12	TU TH	310	M O		BALC
62648	LAB	Q1	1	TU TH	310	M O		BALC
62655	LAB	R1	2	TU TH	310	M O		BALC
62662	LAB	R2	2	TU TH	312W	M O	G	
62670	LAB	S 1	3	TU TH	310	M O		BALC
62687	LAB	T1	4	TU TH	310	M O	G	BALC

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PRESCRIBED EXERCISE.

PREREQUISITE: ASSIGNMENT BY THE HEALTH SERVICE.
P E M 101
           STUDENTS MAY ACCUMULATE 3 HOURS.
             HOUR
           *SECTION X IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS.
        62694
                    LAB
                                  В
                                                      M W F
                                                                   106 MOG ANNEX
                                  c
                                            10
                                                                          MOG ANNEX
        62705
                     LAB
                                                                    106
                                                       M W F
        62712
                     IAR
                                  n
                                                                    106
                                            11
                                  E
                                                                    106
                     1 AB
                                                                          MOG ANNEX
        62720
                                             1
        62737
                     1 AB
                                  G
                                             2
                                                                    106
                                                                          MOG ANNEX
                                                     TU TH 100 MOG ANI
TU TH 106 MOG ANI
REHAB CENTER
                                             2-315
        62744
                     LAB
                                  R
                                                                          MOG ANNEX
        62751
                     LAB
                                  5
                                             3-415
                                                                          MOG ANNEX
                    LAB
        62769
                                 *Y
                                         ARR
                WEIGHT CONTROL.
          PREREQUISITE: APPROVAL OF DEPARTMENT AT REGISTRATION.
           1 HOUR
                     LAB
        62776
                                D
                                            11
                                                       M W F
                                                                    3125F M O G
          DEVELOPMENTAL ACTIVITIES.
PREREQUISITE: P. E. M. 100, FOUNDATIONS OF PHYSICAL ACTIVITY.
P E M 106
          1 HOUR
                                                     M W F M W F M W F TU TH
        62783
                     AA S
                                                                   ARMORY FLOOR
        62791
                     LAR
                                  C
                                            10
                                                                   ARMORY FLOOR
                                                                  ARMORY FLOOR
        62801
                     LAB
                                  D
                                            10
        62819
                     LAB
                                  Н
                                            3
8-915
                                                                   ARMORY FLOOR
        62826
                     LAB
                                  L
                                                      TU TH ARMORY FLUUR
TU TH ARMORY FLOOR
TU TH ARMORY FLOOR
TU TH ARMORY FLOOR
                                                                   ARMORY FLOOR
                    LAB
LAB
        62833
                                  М
                                            9-1015
                                  N
                                            10-1115
        62858
                                            11-1215
        62865
                    LAB
                                  ٧1
                                            11-1215
P E M 107
              BEGINNING SWIMMING.
          PREREQUISITE: NON-SWIMMER. THOSE WHO CANNOT SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10 SECONDS.
          1 HOUR
          *SECTION H DESIGNED ESPECIALLY FOR THOSE STUDENTS WITH A FEAR
          OF WATER.
                                                                         M O G POOL
        62872
                                             0
                     LAB
                                  R
                                                          W
                                                            E
                                                                    212
                    LAB
                                                         WE
        62880
                                  С
                                            10
                                                       M
                                                                    212 M O G POOL
        62897
                                  D
                                            11
                                                       М
                                                                    212
                                                                         M O G POOL
        62908
                    LAB
                                  F
                                                       М
                                                             F
                                                                    212
                                                                          M O G POOL
                   LAB
LAB
LAB
LAB
LAB
LAB
LAB
        62915
                                  G
                                                       M W F
                                                              F
                                                                    212
                                                                          M O G POOL
        62979
                                 *H
                                                                         M O G POOL
                                             3
                                                                    212
                                             9-1015
                                                        TU TH
        62922
                                  M
                                                                    212
                                                        TU TH
        62930
                                  ٧
                                            11-1215
                                                                    212
                                                                          M O G POOL
                                 Q
                                           1-215
                                                        TU TH
                                                                    212
                                                                         M O G POOL
        62947
        62954
                                                        TU TH
                                                                   212
                                                                    212 M O G POOL
        62961
                                 S
                                             3-415
                                                        TU TH
          INTERMEDIATE SWIMMING.
PREREQUISITE: SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10
SECONDS, BUT ARE NOT QUALIFIED FOR P. E. M. 109 OR P. E. M. 110.
P E M 108
           1 HOUR
        62986
                     LAB
                                  Α
                                                                    212
                                                                          M O G POOL
                                                       M W F
M W F
M W F
                                                                         H G POOL
        62993
                     LAB
                                 A1
                                             8
                                                                    112
        63006
                    LAB
                                  81
                                             9
                                                                    112
                    LAB
LAB
LAB
LAB
LAB
LAB
                                 Н1
        63013
                                            3
                                                                    112
                                                                          H G POOL
                                  7
                                                                          M O G POOL
        63021
                                                                    212
                                            8-915
                                                       TU TH
                                                                          M O G POOL
        63038
                                 L
                                                                    212
                                  MI
                                                        TU TH
        63045
                                             9-1015
                                                                    112
                                                                          H G POOL
        63052
                                 N
                                            10-1115
                                                        TU TH
                                                                    212
                                                                          M O G POOL
                                            3-415
        63060
                                                        TU TH
                                                                    112 H G POOL
212 M O G POOL
                                  S 1
        63077
                                             4-515
                                                        TU TH
P F M 109
                AQUATIC SPORTS.
          PREREQUISITE: ABILITY TO SWIM ONE MILE NON-STOP INCLUDING 100 YARDS EACH IN GOOD FORM--CRAWL, BACK CRAWL AND BREASTSTROKE
          -- AND 20 YARDS UNDERWATER.
          1 HOUR
        63084
                     LAB
                                            8-915 TU TH 112 H G POOL
1-215 TU TH 112 H G POOL
```

LAB

Q

63091

r	E	М	PREREQU YARDS E	FE SAVING. ISITE: ABI ACH IN GOO AND 20 YAR	D FORMS	IDESTROKE	ILE NON-STOR	P INCLUDING 100 DKE AND FRONT
			63102 63110 63127	LAB LAB LAB	C D F	10 11 1	M W F M W F	112 H G POOL 112 H G POOL 112 H G POOL
Р	Е	М	PREREQU CROSS S 1 HOUR	TER SAFETY ISITE: STRI R. LIFE SA	. A. R. C DNG SWIMM VING AUTH	INSTRUCTERS WHO HADRIZATION	TOR TRAINING AVE A CURREN CARD.	G. NT AMERICAN RED
			63134 63141	L A B L A B	N V	10-1115 11-1215		112 H G POOL 112 H G POOL
Р	Е	М	1 HOUR NOTE: B	MBLING AND EFORE ENROI TION COURSI	LLING, SE		BEGINNING (	DF BASIC
			63159	LAB	В В	9	M W F	312NE M O G
			63166	LAB	С	10	M W F	312NE M O G
	_		63173	LAB	D	11	M W F	312NE M O G
Р	E	M	1 HOUR	PARATUS ST	UNIS.			
			63181	LAB	N	10-1115		312SE M O G 312SE M O G
			63198	LAB LAB	V R	11-1215 2-315	TU TH TU TH	312SE M O G 312SE M O G
			63209	LAD	K	2-315	10 (1)	3123E M U G
Р	Ε	М	1 HOUR	AMPOLINE A				
				TION COURS		NOTE AT	BEGINNING O	JE BASIC
			63216	LAB	G	2	MWF	312NE M D G
			63223	LAB	Н	3	M W F	312NE M O G 312NE M O G
			63231	LAB	М	9-1015	TU TH	312NE M O G
P	Ε	М	1 HOUR	SIC MOVEMENT SITE: MUST WITH P. E. LAB		SECTION U. 4-515	TU TH	310 FREER GYM
			1 HOUR *MEETS 63248			SECTION U. 4-515	ти тн	310 FREER GYM
			1 HOUR *MEETS 63248 118 WRI 1 HOUR	WITH P. E. LAB ESTLING.	W. 100, S			
			1 HOUR *MEETS 63248  118 WRI 1 HOUR NOTE: BI INSTRUCT	WITH P. E. LAB ESTLING. EFORE ENROI TION COURSE	W. 100, S	NOTE AT	BEGINNING O	DF BASIC
			1 HOUR *MEETS 63248 118 WRI 1 HOUR NOTE: BI INSTRUCT	WITH P. E. LAB  ESTLING.  EFORE ENROI TION COURSE LAB	W. 100, S	NOTE AT	BEGINNING O	DF BASIC 115 MOG ANNEX
			1 HOUR *MEETS 63248  118 WRI 1 HOUR NOTE: BI INSTRUCT	WITH P. E. LAB ESTLING. EFORE ENROI TION COURSE	W. 100, S	NOTE AT	BEGINNING O	DF BASIC
Р	Ē	М	1 HOUR *MEETS 63248 118 WRI 1 HOUR NOTE: BI INSTRUC 63255 63262 119 FO 1 HOUR	WITH P. E. LAB  ESTLING.  EFORE ENROI TION COURSE LAB	W. 100, S T LLING, SEE	NOTE AT	BEGINNING O	OF BASIC 115 MOG ANNEX 115 MOG ANNEX
Р	Ē	М	1 HOUR *MEETS: 63248 118 WRI 1 HOUR NOTE: B: INSTRUC: 63255 63262 119 FO 1 HOUR	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB LAB LAB IL FENCING.	W. 100, ST	E NOTE AT 2 10-1115	BEGINNING O	OF BASIC  115 MOG ANNEX 115 MOG ANNEX
Р	Ē	М	1 HOUR *MEETS 1 63248 118 WRI 1 HOUR NOTE: BI INSTRUC 63255 63262 119 FO 1 HOUR 63270 63287	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB LAB LAB  IL FENCING.	W. 100, ST	2 10-1115 8 9	BEGINNING O  M W F  TU TH  M W F  M W F	DF BASIC 115 MOG ANNEX 115 MOG ANNEX 302 H G 302 H G
Р	Ē	М	1 HOUR *MEETS: 63248 118 WRI 1 HOUR NOTE: B: INSTRUC: 63255 63262 119 FO 1 HOUR	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB LAB LAB IL FENCING.	W. 100, ST	E NOTE AT 2 10-1115	BEGINNING O	302 H G 302 H G 302 H G 302 H G
Р	Ē	М	1 HOUR *MEETS: 63248 118 WRI 1 HOUR NOTE: BI INSTRUC' 63255 63262 119 FO 1 HOUR 63270 63287 63287	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB LAB LAB LAB LAB LAB	W. 100, ST	2 10-1115 8 9	BEGINNING COMM WF TU TH	DF BASIC 115 MOG ANNEX 115 MOG ANNEX 302 H G 302 H G 302 H G
Р	Ē	М	1 HOUR *MEETS 163248  118 WRIT 1 HOUR NOTE: BINSTRUC 63255 63262  119 FO 1 HOUR 63270 63294 63294 63305	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB LAB LAB LAB LAB LAB LAB	W. 100, ST	E NOTE AT  2 10-1115	BEGINNING O	302 H G 302 H G 302 H G 302 H G 302 H G 302 H G
P	E	М	1 HOUR *MEETS: 63248 118 WRI 1 HOUR NOTE: BI INSTRUC' 63255 63262 119 FO 1 HOUR 63270 63287 63287 63287 63287 63287	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB LAB LAB LAB LAB LAB LAB	W. 100, ST	8 9 10 111 8-915	BEGINNING O	302 H G 302 H G 302 H G 302 H G 302 H G 302 H G
P	E	М	1 HOUR *MEETS 63248  118 WRI 1 HOUR NOTE: BI INSTRUC 63255 63262  119 FO 1 HOUR 63270 63287 63294 63305 63312	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB	W. 100, ST	8 9 10 11 8-915	BEGINNING O	302 H G 302 H G
P	E	М	1 HOUR *MEETS 63248  118 WRI 1 HOUR NOTE: BINSTRUC 63255 63262  119 FO 1 HOUR 63270 63287 63287 63294 63305 63312  120 PEI 1 HOUR NOTE: BI	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB	W. 100, ST	8 9 10 11 8-915	BEGINNING O	302 H G 302 H G
P	E	М	1 HOUR *MEETS 63248  118 WRI 1 HOUR NOTE: BI INSTRUC 63255 63262  119 FO 1 HOUR 63270 63287 63287 63294 63305 63312  120 PEI 1 HOUR NOTE: BI NOTE: BI	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB	W. 100, ST	8 9 10 11 8-915	BEGINNING COM WENT TO THE BEGINNING COM WENT BE WENT	DF BASIC  115 MOG ANNEX  115 MOG ANNEX  302 H G
P	E	М	1 HOUR *MEETS 63248  118 WRI 1 HOUR NOTE: BI INSTRUC 63255 63262  119 FO 1 HOUR 63270 63287 63287 63294 63305 63312  120 PEI 1 HOUR NOTE: BI INSTRUC 63320 63337	ESTLING.  EFORE ENROITION COURSE LAB	W. 100, ST	2 10-1115 8 9 10 11 8-915 VITIES. NOTE AT	BEGINNING COM WF FOUTH	302 H G
P	E	М	1 HOUR *MEETS 1 63248  118 WRI 1 HOUR NOTE: BI INSTRUC 63255 63262  119 FO 1 HOUR 63270 63270 63287 63294 63305 63312  120 PEI 1 HOUR NOTE: BI INSTRUC 63320 63337 63344	WITH P. E. LAB  EFORE ENROITION COURSE LAB	W. 100, ST	8 9 10 111 8-915  VITIES.  NOTE AT  8 10 11	BEGINNING COM WE FOUND THE BEGINNING TH	302 H G
P	E	М	1 HOUR **MEETS 1 63248   118 WRITE 1 HOUR NOTE: BINSTRUC 63255 63262   119 FO 1 HOUR 63270 63287 63294 63305 63312   120 PEI 1 HOUR NOTE: BINSTRUC 63320 63337 63344 63351 63369	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB	W. 100, ST T LLING, SEE S. G N A B C D D L LENSE ACTIV	8 9 10 11 8-915  VITIES .  NOTE AT  8 10 11 12 11 12 1	BEGINNING O	302 H G 301 H G 302 H G 302 H G 302 H G 302 H G 301 H G 302 H
P	E	М	1 HOUR *MEETS 163248  118 WRI 1 HOUR NOTE: BI INSTRUC 63255 63262  119 FO 1 HOUR 63270 63287 63294 63305 63312  120 PEI 1 HOUR NOTE: BI INSTRUC 63320 63337 63344 63351 63369 63376	ESTLING.  EFORE ENROUTION COURSE LAB	W. 100, ST	8 9 10 11 8-915  VITTES.  NOTE AT  8 10 11 12 13	BEGINNING COM WF FM WF FTU TH	115 MOG ANNEX  115 MOG ANNEX  302 H G 3102 H
P	E	М	1 HOUR *MEETS 1 63248  118 WRI 1 HOUR NOTE: B INSTRUC 63255 63262  119 FO 1 HOUR 63270 63287 63294 63305 63312  120 PEI 1 HOUR NOTE: B INSTRUC 63320 63337 63344 63351 63369 63376 63376 63376	WITH P. E. LAB  ESTLING.  EFORE ENROITION COURSE LAB	W. 100, ST	2 10-1115 8 9 10 11 8-915 VITIES. NOTE AT 8 10 11 12 1 3 8-915	BEGINNING COM WF FM WF FTU TH	302 H G 301 H G 302 H G 302 H G 302 H G 302 H G 301 H G
P	E	М	1 HOUR *MEETS 163248  118 WRI 1 HOUR NOTE: BI INSTRUC 63255 63262  119 FO 1 HOUR 63270 63287 63294 63305 63312  120 PEI 1 HOUR NOTE: BI INSTRUC 63320 63337 63344 63351 63369 63376	ESTLING.  EFORE ENROUTION COURSE LAB	W. 100, ST	2 10-1115 8 9 10 11 8-915 VITIES • : NOTE AT 8 10 11 12 1 1 3 8-915 11-1215 12-115	BEGINNING COM WF TO TH	302 H G 301 H G 302 H
P	E	М	1 HOUR *MEETS 163248  118 WRITE 18 HOUR NOTE: BINSTRUC 63255 63262  119 FO 1 HOUR 63270 63287 63294 63305 63312  120 PEI 1 HOUR NOTE: BINSTRUC 63320 63337 63344 63351 63369 63376 63383 63391	WITH P. E. LAB  EFORE ENROITION COURSE LAB	W. 100, ST T LLING, SEE S. G N A B C D D L LENSE ACTIV	8 9 10 11 8-915 NOTE AT  8 10 11 8-915 NOTE AT  8 10 11 12 1 3 8-915 11-1215	BEGINNING C  M W F TU TH  M W F M W	115 MOG ANNEX  115 MOG ANNEX  115 MOG ANNEX  302 H G 315 MOG ANNEX 115 MOG ANNEX

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P E M 123
                WEIGHT TRAINING
          1 HOUR
          NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
           INSTRUCTION COURSES.
          *OPEN ONLY TO STUDENTS RESIDING IN FLORIDA AND PENNSYLVANIA AVENUE
          RESIDENCE HALLS.
                  LAB
        63433
                                                                   114 MOG ANNEX
         63579
                     LAB
                                 # A 1
                                             ē
                                                      м
                                                             F
                                                                    388 OGLESBY
        63441
                    LAB
                                 В
                                            9
                                                      4 W
                                                             F
                                                                   114
                                 600
                                                                         MOG ANNEX
                                                      M
                                                             F
        63458
                     LAB
                                           10
                                                                   114
                                                                         MOG ANNEX
                                                         W
        63465
                     LAB
                                                      M W
                                                                         MOG ANNEX
                                           11
                                                                   114
                                                                   38B OGLESBY
38B OGLESBY
                     LAB
                                 *01
        63586
                                           11
                    LAB
                                 *F
        63593
                                                     M W
                                 G
        63472
                   AB H
LAB J
LAB L
LAB W
LAB V
LAB V
LAB *V1
LAB C
LAB S
LAB T
                     1 48
                                            2
                                                                   114
                                                                         MOG ANNEX
                                                                         MOG ANNEX
        63480
                                            3
                                                                   114
                                                     16
                                                                   114 MOG ANNEX
114 MOG ANNEX
                                                            F
        63497
                                            4
                                                         w
                                                     M W F 114 MUG ANNEX
TU TH 114 MOG ANNEX
TU TH 386 OGLESBY
TU TH 114 MOG ANNEX
                                            8-915
        63508
                                            9-1015
        63515
                                          10-1115
        63522
        63530
                                           11-1215
        63604
                                            11-1215
        63547
                                           1-215
3-415
        63554
                                            4-515
        63561
                TRACK AND FIELD ATHLETICS.
P E № 124
          1 HOUR
          NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
          THESE CLASSES MEET THICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.
                                 FF
        63611 LAB
63629 LAB
                                             1-3
                                                                 EAST ILL FLD
                                  нн
                                             3-5
                                                      M W
                                                                  EAST ILL FLD
                                 QQ
                                                      TU TH EAST ILL FLD
                                             1-3
        63636
                    LAB
        63643
                     LAB
                                  SS
                                            3-5
                                                                  EAST ILL FLD
          NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY MEN'S OLD
          GYM ANNEX.
P E M 128
               SOCCER.
          1 HOUR
          NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
          INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR 1 HOUR AND 30 MINUTES FOR THE
          FIRST EIGHT WEEKS OF THE SEMESTER.
                            AA
CC
EE
                    LAB
        63651
                                            8-10
                                                                  FLD A H G
        63668
                     LAB
                                           10-12
                                                     H W
                                                                  FLD A H G
                     LAB
                                           12-2
                                                                  FLD A H G
        63675
                     LAB
                                 GG
                                                     M H
                                                                  FLD A H G
        63682
                     LAB
                                             8-10
                                                       TU TH
                                                                  FLD A H G
        63690
                                 LL
                                  NN
        63701
                    LAB
                                           10-12
                                                       TU TH
                                                                  FLD A H
                                 PP 12-2
RR 2-4
        63718
                    LAB
                                                       TU TH
                                                                  FLO A H G
        63725
                     LAB
                                                                  FLD A H G
          NOTE: FIRST CLASS MEETING WILL BE IN EAST BALCONY, HUFF GYM.
P E 4 129 VI
1 HOUR
               VOLLEYBALL.
           INSTRUCTION COURSES.
          SECTIONS X AND Y MEET WITH P. E. W. 124.
                                                     M W F
M W F
M W F
        63732
                    LAB
                               A B 9
                                                                   105 MOG ANNEX
                                                                   105 MOG ANNEX
105 MOG ANNEX
        63740
                     LAB
                    LAB B
LAB L
LAB L
LAB W
LAB V
LAB V
LAB C
LAB R
LAB S
        63757
                                            3
                                                                   105
                                                      TU TH
        63764
                                            8-915
                                                                   105
                                                                         MOG ANNEX
                                            9-1015
                                                       TU TH
                                                                   105
                                                                         MOG ANNEX
        63771
        63789
                                           10-1115
                                                       TU TH
                                                                   105
                                                                         MOG ANNEX
                                            11-1215
                                                       TU TH
                                                                   105
                                                                         MOG ANNEX
        63796
                                                                   105
                                                                         MOG ANNEX
        63807
                                            1-215
                                            2-315
                                                       TU TH
                                                                   105
                                                                         MOG ANNEX
        63814
                                            3-415
                                                       TU TH
                                                                   105
                                                                         MOG ANNEX
        63821
        63839
                                            7 P.M
                                                       TU TH
                                                                  218 E B
218 E B
                                                                        E B
        63846 LAB
                                           824
                                                       TU TH
P E M 130
          BASKETBALL.
PREREQUISITE: NO PLAYING EXPERIENCE IN ORGANIZED BASKETBALL.
           1 HOUR
           NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
           INSTRUCTION COURSES.
                     LAS
         63853
                                            10
                                                             F
                                                                   105
                                                                        MOG ANNEX
                                 D
        63861
                     LAB
                                           11
                                                      M W
                                                             F
                                                                   105
                                                                         MOG ANNEX
                                                      M W
                                                             F
                     LAB
                                                                   105 MOG ANNEX
                                            1
```

1

M W

100

H G

105 HOG ANNEX

F1

G

LAB

LAB

63885

63892

```
P E M 132
               ARCHERY.
          1 HOUR
          *MEETS WITH P. E. W. 135.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
INSTRUCTION COURSES.
          THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.
        63903 LAB BB 9-11
63928 LAB *C 11
                                                    М
                                                               ARCHERY RANGE
                                                    MTUWTH
                                                                 11 FREER GYM
                                99
                                                               ARCHERY RANGE
          991 LAB QQ 1-3 TU TH
NOTE: FIRST CLASS MEETING IN 11 FREER GYM.
        63911
P F M 133
               SQUASH RACQUETS .
          1 HOUR
          NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
          NOTE: BEFUKE ENGLES.
INSTRUCTION COURSES.
                   LAB
                                          3-415
                                                    TU TH
        63935
              HANDBALL -
P E M 134
          1 HOUR
          NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
          INSTRUCTION COURSES.
        63942
                    LAB
                                 R
                                          0
                                                                  84
                                                                      H G
       63950
                    LAB
                                C.
                                         10
                                                    M
                                                       W F
                                                                  84
                                                                      H G
                                                    M W F
        63967
                    LAB
                                D
                                         11
                                                                  84
                                                                       H G
                   LAB H
LAB L
LAB M
LAB N
LAB Q
LAB R
        63974
                                           3
                                                                  84
                                                    TU TH
        63981
                                           8-915
                                                                  84
        63999
                                           9-1015
                                                     TU TH
                                                                  84
                                         10-1115
       64001
                                                     TU TH
                                                                  84
        64019
                                           1-215
                                                     TU TH
                                                                  84
                                           2-315
       64026
                                                     TU TH
P F M 135
               TENNIS.
         1 HOUR
          NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
          INSTRUCTION COURSES.
          THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.
       64033 LAB AA
                                       8-10
                                                               GREGORY DRIVE CT
        64041
                    LAB
                                AAI
                                           8-10
                                                  M W
M W
                                                    М
                                                       W
                                                               STADIUM CTS E
                                         9-11
10-12
10-12
        64058
                    LAB
                                BB
                                                               H G COURTS
        64065
                    LAB
                                CC
                                                               GREGORY DRIVE CT
                                                    M W
        64072
                    LAB
                                CCI
                                                               STADIUM CTS E
                                         11-1
1-3
2-4
3-5
3-5
        64080
                    LAB
                                DD
                                                               H G COURTS
                                                    M W
                                                               STADIUM CTS E
        64097
                    LAB
                                FF
                                                       W
                                                               GREGORY DRIVE CT
        64108
                    LAB
                                GG
                                                    М
       64115
                    LAB
                                нн
                                                    м
                                                       W
                                                               H G COURTS
                                                   M
       64122
                    LAB
                                HH1
                                                       W
                                                               STADIUM CTS E
                                          8-10 TU TH
8-10 TU TH
9-11 TU TH
                                                               GREGORY DRIVE CT
        64130
                    I AB
                                LL
        64147
                    LAB
                                LLI
                                                              STADIUM CTS E
                                MM
        64154
                    LAB
                                                               H G COURTS
                                NN
                                         10-12
                                                    TU TH
                                                               GREGORY DRIVE CT
        64161
                    LAB
        64179
                    LAB
                                NN1
                                          10-12
                                                     TU TH
                                                                STADIUM CTS E
                                VV
                                         11-1
        64186
                    LAB
                                                     TU TH
                                                                H G COURTS
                                                                GREGORY DRIVE CT
STADIUM CTS E
STADIUM CTS E
       64193
                    LAB
                                QQ
                                          1-3
                                                     TU TH
                                          1-3
        64204
                    LAB
                                991
                                                     TU TH
                                                     TU TH
        64211
                    LAB
                                 SSI
         NOTE: FIRST CLASS MEETING WILL BE HELD IN NORTH BALCONY HUFF GYM.
P E M 136
               BADMINION.
          1 HOUR
          NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
          INSTRUCTION COURSES.
```

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER. \*SECTIONS NAI AND QQI WILL MEET SECOND EIGHT WEEKS OF SEMESTER, CLASSES BEGIN NOV. 2, 1970. 64229 AA 8-10 LAB 100 CC 10-12 M W 64236 LAB 100 TU TH 64243 LAB 8-10 100 H G 6.5

TU TH

TU TH

TU TH

TU TH

100

100 H G 100 H G

100 H G

10-12

10-12

1-3

1-3

NN

\*NN1

00

\*001

64251

64275

64268

64282

LAB

LAB

1 AB

IAB

```
P E M 137
               BOWLING.
          1 HOUR
         64290
                      LAB
                                   A1
                                             8
                                                                      60 IU ALLEYS
        64301
                      LAB
                                   B 1
C 1
                                              9
                                                           W
                                                                      60 IU ALLEYS
60 IU ALLEYS
                      LAB
                                            10
         64318
                                                        M W
TU TH
                      LAB
                                             8
         64325
                                                                      60
                                   L
M
                                                                           TU ALLEYS
        64332
                      I AB
                                              9
                                                         TU TH
                                                                      60
                                                                           IU ALLEYS
         64340
                      t AB
                                   N
                                            10
                                                         TU TH
                                                                      60
                                                                           III ALLEYS
        64357
                      LAB
                                                         TU TH
                                   V
                                            11
                                                                      60
                                                                           TU ALLEYS
        64364
                      LAB
                                   V 1
                                            11
                                                         TU TH
                                                                      60 IU ALLEYS
                                                         TU TH
                                             1
        64371
                      I AB
                                   Q
                                                                      60
                                                                           IU ALLEYS
P E M 138 G
1 HOUR
                GOLF.
           STUDENT IS RESPONSIBLE FOR GETTING TRANSPORTATION TO AND FROM THE
           GOLF RANGE ON RT. 45 NORTH. MAY PROVIDE OWN CAR OR RIDE WITH
           CLASSMATE.
           NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
           INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE
           FIRST EIGHT WEEKS OF THE SEMESTER.
                  LAB
        64389
                                  AA
                                                                   ROUTE 45 NORTH
                                             8-10
                                                       М
                                                           W
                     LAB
                                              9-11
                                                       M W
                                                                   ROUTE 45 NORTH
        64396
                                   8.B
        64407
                     LAB
                                   CC
                                            10-12
                                                       М
                                   DD
                                            11-1
                                                                    ROUTE 45 NORTH
        64414
                     LAB
                                                          W
        64421
                     LAB
                                   LL
                                             8-10
                                                        TU TH
                                                                   ROUTE 45 NORTH
        64439
                     LAB
                                   MM
                                              9-11
                                                        TU TH
                                                                    ROUTE 45 NORTH
        64446
                     LAB
                                            10-12
                                   NN
                                                         TU TH
                                                                   ROUTE 45 NORTH
        64453
                      LAB
                                   VV
                                            11-1
                                                        TU TH
                                                                   ROUTE 45 NORTH
           NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY, HUFF GYM.
           GOLF, II.
SAME AS P. E. W. 139.
PREREQUISITE: P. E. M. 138 OR P. E. W. 131, AND CONSENT OF
P F M 139
           INSTRUCTOR.
           1 HOUR
           IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF. $18.00 FEE
          COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP TRANSPORTATION FROM FREER GYM TO PAR 3 ON U. S. ROUTE 45 SOUTH.
CLASSES BEGIN ON MONDAY, SEPT. 14, 1970. FIRST CLASS MEETING
          WILL BE HELD IN 210 FREER GYM.
                    LAB
        64461
                                  MM
                                             9-11
                                                       M W
                                                                   PAR3 RT 45 SOUTH
        64478
                     LAB
                                   ٧V
                                            11-1
                                                                    PAR3 RT 45 SOUTH
          CANGEING AND SMALL CRAFT OPERATION.
PREREQUISITE: ABILITY TO JUMP OR DIVE INTO DEEP WATER
WHILE CLOTHED AND MAINTAIN A SURVIVAL POSITION FOR TEN MINUTES.
P E M 140
           1 HOUR
          REGISTRATION IS LIMITED TO STUDENTS WITH FREE PERIOD PRECEDING THE COURSE HOUR.

THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE
        FIRST EIGHT WEEKS OF THE SEMESTER.
                                 HH 3-5
SS 3-5
                                                       M W
                                                                   CRYSTAL LAKE
                                                        TU TH
                                                                  CRYSTAL LAKE
        64492
                     LAB
           NOTE: FIRST CLASS MEETING WILL BE HELD IN 202 MEN'S OLD GYM.
P E M 142
                BALLROOM DANCE.
          1 HOUR
           NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
           INSTRUCTION COURSES.
MEETS WITH P. E. W. 142.
**SOPEN ONLY TO STUDENTS RESIDING IN FLORIDA AND PENNSYLVANIA AVENUE
           RESIDENCE HALLS.
        64503
                                  G
                                             2
                                                                     302
                     LAB
                                                                          H G
        64511
                     LAB
                                  Н
                                              3
                                                       М
                                                           ₩
                                                                     302
        64550
                     LAB
                                 *H1
                                             3
                                                       М
                                                                      6
                                                                         OGLESBY
        64567
                     LAB
                                  *J
                                                       М
                                                           W
                                                                       6
                                                                           OGLESBY
                                             7PM
        64574
                     LAB
                                  ±χ
                                                       М
                                                                           OGLESBY
                                                                       6
        64528
                     LAB
                                  М
                                             9
                                                        TU TH
                                                                     302
                                                                          H G
        64535
                     LAB
                                            10
                                                        TU TH
                                                                     302
        64542
                     LAB
                                                        TU TH
                                                                     302
P E M 143
                 AMERICAN SQUARE DANCE.
          1 HOUR
           NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
           INSTRUCTION COURSES.
MEETS WITH P. E. W. 143.
581 LAB S
```

1

TU TH 302 H G

64581

P E M 144 TECHNIQUES IN ANGLING. SAME AS P. E. W. 144.

1 HOUR

THIS CLASS MEETS MONDAY THROUGH FRIDAY FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

LAB 2 MITHE 120N ICE RINK 64599

P E M 145 FIGURE SKATING.

1 HOUR

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC

INSTRUCTION COURSES.

MEETS WITH P. E. W. 145.
ALL SECTIONS ARE CO-EDUCATIONAL.

THESE CLASSES MEET MONDAY THROUGH FRIDAY FOR THE LAST EIGHT WEEKS OF THE SEMESTER.

CLASSES BEGIN MONDAY, NOV. 2, 1970. LAB MTUWTHE 120N ICE RINK 64600 A B 9 64617 LAB MTUWTHE 120N ICE RINK 120N ICE RINK 64624 LAB C 10 MITUWITHE LAB LAB LAB MTUWTHE 120N ICE RINK 64631 D 1.1 E 12 MTUWTHE 120N ICE RINK 64649 64656 1 120N ICE RINK MTUWTHE F G 2 MTUWTHE 120N ICE RINK

P E M 147

7 TENNIS, II.
PREREQUISITE: P. E. M. 135 OR P. E. W. 136 AND/OR CONSENT OF

INSTRUCTOR. 1 HOUR

THESE CLASS MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE

FIRST EIGHT WEEKS OF THE SEMESTER. CLASSES BEGIN ON MONDAY,

SEPTEMBER 14, 1970.

64671 LAB 1 - 3M W H G COURTS
TU TH H G COURTS LAB QQ 1-3 64688

PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR MEN

DEPARTMENT OFFICE

119 H G

### COURSES FOR UNDERGRADUATES

P E M 150 INTRODUCTION TO PHYSICAL EDUCATION. 2 HOURS

LECT-DISC CL 10 207 H G 64695 F 209 C 1 10 H G LECT-DISC 64706 209 C2 10 F H G M W 64713 LECT-DISC C.3 10 211 H G 0.3 10 209 H G

KELLER FLANIGAN HOTTINGER

P E M 151 BE BEGINNING BASKETBALL.

SECOND HALF OF SEMESTER.
INSTRUCTION BEGINS MONDAY, NOV. 9, 1970.
64721 LAB-DISC AA1 8-10 MTUWTHF 209 H G
64738 LAB-DISC AA2 8-10 MTUWTHF 209 H G NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS IN 100 H G BY ARRANGE MENT.

COMBES

P E M 152 BEGINNING FOOTBALL.

2 HOURS

FIRST HALF OF SEMESTER.

64745 LAB-DISC AAI 8-10 MTUWTHF 209 H G 64752 LAB-DISC AA2 8-10 MTUWTHF 209 H G NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS ON HUFF GYM FIELDS DANNEHL PARKER

BY ARRANGEMENT.

P E M 153 FITNESS PROGRAMS .

PREREQUISITE: CONCURRENT REGISTRATION IN P. E. M. 154.

2 HOURS

LAB-DISC E1 LAB-DISC E2 1 64760 64777 LAB-DISC MTUWTHE 209 H G HOTTINGER CASE 1 NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS BY ARRANGEMENT.

4 SWIMMING.
PREREQUISITE: CONCURRENT REGISTRATION IN P. E. M. 153, EXCEPT FOR P E M 154 RECREATION MAJORS. 2 HOURS NON-SWIMMERS SHOULD SIGN UP FOR P. E. M. 107.

NON-SWIMMERS SHOULD SIGN UP FOR P. E. M. 107.

THE STATE OF THE SHOULD SIGN UP FOR P. E. M. 107.

THE STATE OF THE SHOULD SIGN UP FOR P. E. M. 107.

NOTE: FIRST CLASS MEETING FOR BOTH SECTIONS WILL BE IN HUFF GYM. 64784 KLINGEL 64791 AHER POOL . GYMNA STICS. 1 HOUR SECOND HALF OF SEMESTER. INSTRUCTION BEGINS MONDAY, NOV. 9, 1970. 64802 LAB-DISC AA1 8 MTUNTHF 312SE M 0 G POND 64810 LAB-DISC AA2 8 MTUNTHF 312SE M 0 G CURZI NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG BY ARRANGEMENT. WRESTLING. P E M 156 1 HOUR SECOND HALF OF SEMESTER. INSTRUCTION BEGINS MONDAY, NOV. 9, 1970. 64827 LAB-DISC BB1 9 MTUWTHF 115 MOG ANNEX ROBI 64834 LAB-DISC BB2 9 MTUWTHF 115 MOG ANNEX CASE ROBINSON NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG ANNEX BY ARRANGEMENT . P E M 157 TRACK AND FIELD. 1 HOUR LECTURE ON FRIDAYS. ALTERNATING WITH PEM 158. FIRST HALF OF SEMESTER. FIRST HALF OF SEMESTER. 841 LAB-DISC LLI 8-10 TU THF WEST STADIUM 859 LAB-DISC LL2 8-10 TU THF WEST STADIUM NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETING ON STADIUM TRACK BY ARRANGEMENT. FIRST MEETING IN WEST GREAT HALL OF MEMORIAL 64841 LAB-DISC LL1 64859 LAB-DISC LL2 WR IGHT WIENEKE STADIUM. P E M 158 BASEBALL. 1 HOUR LECTURE UN FRIDATED.

64866 LAB-DISC AAL 8-10 M W F 202 M 0 G
64873 LAB-DISC AA2 8-10 M W F 202 M 0 G
64873 LAB-DISC AA2 8-10 M W F 202 M 0 G LECTURE ON FRIDAYS, ALTERNATING WITH PEM 157. EILBRACHT KITTLESON DIAMOND BY ARRANGEMENT. P E M 161 SPECIAL SPORTS (SOCCER AND VOLLEYBALL). 1 HOUR NOTE: VOLLEYBALL WILL BEGIN ON MONDAY, NOV. 9, 1970, IN 100 HUFF GYM. 64881 LAB-DISC C 1.0 N W F FLD B H G KEENAN SPECIAL SPORTS (TENNIS AND SQUASH). 1 HOUR NOTE: SQUASH WILL BEGIN ON MONDAY, NOV. 9, 1970, IN 84 HUFF GYM. OL SON P F M 163 SPECIAL SPORTS (LACROSSE AND HANDBALL). I HOUR NOTE: HANDBALL WILL BEGIN ON MONDAY, NOV. 9, 1970 IN 84 HUFF GYM. LAB-DISC A JOHNSON 64909 8 M W F FID B H G

P E M 166 ELEMENTARY SCHOOL GAMES.
3 HOURS
MEETS WITH P. E. W. 166.

\*ONE ADDITIONAL HOUR PER WEEK CONFERENCE TO BE ARRANGED.
64916 LECT-DISC M \*9-11 TU TH 11 FREER GYM

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9 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
P E M 199
          *0 TO 9 HOURS
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11 TU TH 209 H G 64923 CONF D

COURSES FOR ADVANCED UNDERGRADUATES

4 ADMINISTRATION OF PHYSICAL EDUCATION.
PREREQUISITE: SENIOR STANDING IN PHYSICAL EDUCATION.

3 HOURS

THIS COURSE WILL NOT MEET DURING THE SIX WEEKS STUDENT TEACHING PERIOD.

11 MTUWTHE

LECT-DISC 207 H G

P E M 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION AND

RECREATION. 3 HOURS

\*\*SIX ADDITIONAL LABORATORY SESSIONS 3-5 P.M. M. OR 7-9 P.M. TU.
THIS COURSE WILL NOT MEET DURING THE SIX-WEEK
STUDENT TEACHING PERIOD.

64948 LECT-DISC C 64955 LECT-DISC Q MTUWTHE 300 MTUWTHE ARR 300 H G POHNDORE 10 11 POHNDORE

FALLON

RENKE

MOORE

P E M 206 KINESIOLOGY.
SAME AS P. E. W. 206.
PREREQUISITE: PHYSL. 103 AND 234.

3 HOURS

64987

MTUWTH 207A H G M W 130 FREER GYM TU TH 130 FREER GYM 10 10 MTUWT... 1-3 M W TU TH LECT-DISC C LECT-DISC E LECT-DISC R 64962 BOILEAU 64970

P E M 207 PREVENTION AND CARE OF ATHLETIC INJURIES.

PREREQUISITE: PHYSL. 103 AND 234.

3 HOURS 64994 LECT-DISC M TU TH 154 ARMORY

LAB М ARR

THEORY OF PRESCRIBING EXERCISE.

PREREQUISITE: PHYSL. 103 AND 234.

3 HOURS

\*THREE ADDITIONAL HOURS TO BE ARRANGED.

TU TH 202 M O G 65007 LAB-DISC L GR EN INGER

P E M 209

HISTORY OF SPORT.

SAME AS P. E. W. 209.

PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.

3 HOURS 65014

LECT-DISC 11 209 H G 65021 LECT-DISC Е М N107

N107 T H

THEORY OF COACHING.

PREREQUISITE: P. E. M. 213 AND 214, OR CONSENT OF INSTRUCTOR.

2 HOURS

65039 LECT-DISC D 1.1 M W

ELIOT

P E M 220 O PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.
PREREQUISITE: JUNIOR STANDING, AND A NON-PHYSICAL EDUCATION

STUDENT.

2 HOURS

MEETS WITH P. E. W. 220. \*SECTIONS E1 AND F1 FOR GRADES K-2. 

65046 LECT-DISC \*E1 65061 LECT-DISC \*E2 218 E B 11 E B 218 E B

M W F M W F M W F 65053 LECT-DISC \*F1 218

P E M 225 SUPERVISED EXPERIENCE IN PHYSICAL EDUCATION. PREREQUISITE: JUNIOR STANDING. \*MUST BE REPEATED FOR A TOTAL OF 3 HOURS. TWO HOURS CREDIT IS EARNED WHEN FIRST COMPLETED AND 1 HOUR WHEN REPEATED. \*1 OR 2 HOURS 65078 LAB-DISC YOUNGBERG HARRISON NOTE: FIRST CLASS MEETING WILL BE MONDAY, SEPT. 21, 1970, AT 6:45 P.M. IN 209 HUFF GYM. SQUARE AND BALLROOM DANCE. 2 HOURS 55085 1-3 TU T 7-9PM M W TU TH 218 E B 218 E B FALLON FALLON 55092 PHYSIOLOGY OF HUMAN EXERCISE. P E M 240 SAME AS P. E. M. 240.
PREREQUISITE: PHYSL. 103 AND 234. 3 HOURS LECT-DISC F HTUWTH 207A H G BOILEAU 65103 P E M 250 SPECIAL PROBLEMS. PREREQUISITE: JUNIOR CR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD. \*\* \*\*\*AY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT. \*\*\* \*2 08 3 HOURS 65111 LA8-DISC FLANIGAN P E M 260

PEM 260 HONORS SEMINAR.

SAME AS M. ED. P. E. W., AND REC. 260.

PREFEGUISITE: JAMES SCHOLLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISOR, INSTRUCTOR AND HEAD OF DEPARTMENT.

\*\*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.

\*\*2 HOURS
SECTION EX1 TOPIC: CURRENT PROBLEMS.
SECTION EX2 TOPIC: INTRODUCTION TO RESEARCH.
65128 LECT-DISC EX1 7-9PM W 207B FREER GYM
65135 LECT-DISC EX2 7-9PM W 15 E B

P E M 271 ADMINISTRATION OF HIGH SCHOOL SPORT PROGRAMS.

3 HOURS
65142 LECT-DISC D 11 M W F 250 ARMORY FLANIGAN

# PHYSICAL EDUCATION

DEPARTMENT OFFICE 121 HUFF GYM

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

	000000000000000000000000000000000000000		DENOMADORIC	3 AND 3 NADOR 1 2 3	
	MOTOR LEARNING.				
	PREREQUISITE: P. E. M. OF	R P. E. W. 2	06. PHYSL.	234, PSYCH. 100,	
	EDPSY . 211, OR EQUIVALENT INSTRUCTOR.	rs of THESE	COURSES, O	R CONSENT OF	
	4 HOURS OR 1 UNIT				
	65150 LECT	11	W F	300 H G	SOUDER
	LAB	2-4	TU	300 H G	SOUDER
PE	350 THEORY AND PRACTICE PREREQUISITE: ANATOMY, PH			05	
	EXERCISE AND KINES TOLOGY,				
	4 HOURS OF 1 UNIT				
	*THREE ADDITIONAL HOURS I 65167 LECT-DISC	IN EXEKCISE	TU TH	202 M O G	SHELTON
		COURSES FOR	GRADUATES		
PE	401 ADMINISTRATION OF PH	YSTCAL EDUC	ATTON AND	SPORT	
	PPEREQUISITE: P. E. M. OF				
	1 UNIT 65174 LECT-DISC	8-11	м	154 ARMORY	HUELSTER,
	65114 [201-0130	9-11	47	134 ANHORT	RAZOR
PE	402 HISTORY OF PHYSICAL	EDUCATION A	ND SPORT.		
	PREREQUISITE: P. E. M. OF	R P. E. W. 2	09 OR EQUI	VALENT.	
	1 UNIT 65181 LECT-DISC	830-11	W	154 ARMORY	ZEIGLER
PE	451 SCIENTIFIC FOUNDATIO	INS OF PHYSI	CAL FITNES	S.	
	PREREQUISITE: UNDERGRADUA				
	MEASUREMENTS. 1 UNIT				
	*TWO ADDITIONAL HOURS TO				
	65199 LECT-DISC	*4-6 *2-4	TH	211 H G 302 H G	MASSEY AND FRANKS
	LAD	+2-4	* 17	302 H G	AND FRANKS
PE	490 SEMINAR.				
P E	O CREDIT				
	*SECTION UL FOR STUDENTS		PRIMARILY	IN RESEARCH	
	*SECTION U2 FOR STUDENTS		ITH RESEAR	CH IN HUMANITIES	
	AND SELECTED SOCIAL SCIEN				
	*SECTION U3 FOR STUDENTS RELATED TO SPORT PSYCHOLO				
	65200 LECT-DISC #U1	330-5	W	207A H G	MASSEY
	65217 LECT-DISC *U2 65224 LECT-DISC *U3	330~5 330~5	W	211 H G 300 H G	RAZOR HUBBARD
	03224 2201-0130 403	330-7	~	300 11 0	HODDAND
PE	493 SPECIAL PROJECTS.				
, _	1/2 OR 1 UNIT				
	*SECTION E2 IS A SMALL GR		T AND PLAY		
	PRACTICUMCREDIT 1 UNIT. 65231 CONF E1	ARR			STAFF
	65249 LECT-DISC *E2	9-11	F	125 D K H	LANDERS
PE	495 TECHNIQUES OF RESEAR	CH IN HEALT	H. PHYSICA	L EDUCATION, AND	
	RECREATION.				
	STUDENTS MUST REGISTER FO	R LECTURE-D			
	65256 LECT-DISC 65263 LAB A	4-6 7-9PM	F	209 H G 211 H G	HUBBARD
	65271 LAB B	7-9PM	TU W	211 H G	
				-	

P E 499	THESIS	RESEARCH.
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499	THESIS RES	EARCH.	
0 10	4 UNITS		
65288	CONF	C	ARR
65295	CONF	F	ARR
65306	CONF	H1	ARR
65313	CONF	H2	ARR
65321	CONF	M	ARR
65338	CONF	P	ARR
65345	CONF	R	ARR
65352	CONF	Т	ARR
65360	CONF	Z	ARR
65377	CONF		ARR

CURETON FRANKS HUBBARD HUEL STER MASSEY POHNDORF RAZOR TREKELL ZEIGLER STAFF

# PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT DEFICE

117 FREER GYM

#### BASIC INSTRUCTION COURSES

#### COURSES FOR UNDERGRADUATES

FRESHMEN AND SOPHOMORES: OF THE FOUR SEMESTERS REQUIRED IN PHYSICAL EDUCATION, THE DEPARTMENT RECOMMENDS ONE SEMESTER OF BASIC MOVEMENT (PEW 100) AND RECOMMENDS ONE SEMESTER OF SWIMMING (PEW 110 OR 111) ANY COURSE NOT PREVIOUSLY TAKEN MAY BE TAKEN IN THE TWO REMAINING SEMESTERS.

NOTE: MOST PEW BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES IN ORDER TO FACILITATE REGISTRATION OF ADVANCE ENROLLEES. THESE SEQUENCES ARE AS FOLLOWS:

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SEQUENCE 1 - PEW 107, 111, 122, 124, 136
SEQUENCE 2 - PEW 104, 110, 121, 123, 132, 135
SEQUENCE 3 - PEW 120, 130, 133, 138, 142, 145
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STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

CREDITS MAY BE EARNED BY SUCCESSFUL COMPLETION OF PROFICIENCY EXAMINATION(S). STUDENTS ARE NOT PERMITTED TO TAKE A PROFICIENCY EXAM IN A COURSE IN WHICH PRESENTLY ENROLLED. APPLICATIONS MAY BE SECURED FROM AND FILED IN 126 FREER GYM.

WOMEN ENROLLING IN PEM 112,115,140 OR 147 SHALL BE GRANTED CREDIT.

#### P E W 100 BASIC MOVEMENT.

1 HOUR

\*SECTION U MEETS WITH PEM 116-OPEN ONLY TO VOICE AND THEATRE MA JORS.

65384	LAB	С	10-1030	M W	F	218	E B	
65391	LAB	CC	1040-1110	M W	F	218	E B	
65402	LAB	D	1120-1150	M W	F	218	EΒ	
65410	LAB	E	12-1230	M W	F	26	E B	
65427	LAB	EE	1240-110	M W	F	26	ЕВ	
65434	LAB	F	120-150	M W	F	26	E 8	
65441	LAB	K	610-655PM	M W		311	FREER	GYM
65459	LAB	KK	710-755 PM	M W		311	FREER	GYM
65466	LAB	0	1010-1055	TU	TH	26	EΒ	
65473	LAB	P	1110-1155	TU	TH	26	E B	
65481	LAB	T	310-355	TU	TH	310	FREER	GYM
65516	LAB	*U	410-455	TU	TH	310	FREER	GYM
65498	LAB	Ni in	610-655 PM	TU	TH	311	FREER	GYM
65509	LAB	X	710-755PM		TH	311	FREER	GYM

### PRESCRIBED EXERCISE.

PREREQUISITE: RECOMMENDATION FROM DEPARTMENT OR HEALTH SERVICE. 1 HOUR

\*SECTION I IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS. 8-830 M W F 0-955 M W 10-440 M W F 215 FREER GYM 65523 LAB A 215 FREER GYM 116 E B POOL 65531 910-955 410-440 LAB В 65548 LAB # I

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102 MODIFIED ACTIVITIES.
PREREQUISITE: RECOMMENDATION FROM DEPARTMENT OR HEALTH SERVICE.
                    1 HOUR
                     *THESE SECTIONS EMPHASIZE FIGURE ANALYSIS AND DO NOT CARRY A
                PREREQUISITE.
65587 LAB *H 310-355 M W 215 FREER GYM
65594 LAB *I 410-455 M W 215 FREER GYM
65605 LAB *J 510-555 M W 215 FREER GYM
65612 LAB *KK 710-755PM M W 215 FREER GYM
65620 LAB *L 810-855PM M W 215 FREER GYM
65555 LAB M 8-845 TU TH 215 FREER GYM
65637 LAB *N 910-955 TU TH 215 FREER GYM
655620 LAB Q 1210-1255 TU TH 215 FREER GYM
65550 LAB Q 1210-1255 TU TH 215 FREER GYM
655644 LAB *U 410-455 TU TH 215 FREER GYM
656644 LAB *V 510-555 TU TH 215 FREER GYM
65669 LAB *X 710-755PM TU TH 215 FREER GYM
65669 LAB *X 710-755PM TU TH 215 FREER GYM
65676 LAB *Y 810-855PM TU TH 215 FREER GYM
                    PREREQUISITE.
                             MODERN DANCE.
  P F W 104
                  1 HOUR
                     *SECTIONS B AND J ARE FOR PHYSICAL EDUCATION MAJORS ONLY.
               P E W 107 MODERN GYMNASTICS, I.
                1 HOUR
65780 LAB A 8-845 M W 311 FREER GYM
65797 LAB B 910-955 M W 311 FREER GYM
65808 LAB H 310-355 M W 311 FREER GYM
65815 LAB I 410-455 M W 311 FREER GYM
65822 LAB Q 1210-1255 TU TH 311 FREER GYM
65830 LAB T 310-355 TU TH 311 FREER GYM
65847 LAB U 410-455 TU TH 311 FREER GYM
                 OB MODERN GYMNASTICS, II.
PREREQUISITE: P. E. H. 107 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.
                1 HOUR
65854
                                     LAB M
                                                                     810-845 TU TH 311 FREER GYM
910-955 TU TH 311 FREER GYM
  P E W 110 ELE
                            ELEMENTARY SWIMMING.
                P E W 111 SUB-
                         SUB-INTERMEDIATE SWIMMING.
                1 HOUR
65943 LAB A 8-845 M W 116 E B POOL
65951 LAB B 910-955 M W 116 E B POOL
65968 LAB M 8-845 TU TH 116 E B POOL
65968 LAB N 910-955 TU TH 116 E B POOL
65982 LAB Q 1210-1255 TU TH 116 E B POOL
65990 LAB R 110-155 TU TH 116 E B POOL
P E W 112 INTERMEDIATE SWIMMING.

1 MOUR
66002 LAB 0 1010-1055 TU TH 116 E B POOL
66010 LAB S 210-255 TU TH 116 E B POOL
66027 LAB T 310-355 TU TH 116 E B POOL
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P	E	W	W 114 LIFE SAVING. PREREQUISITE: P. E. W. 112 OR EQUIVALENT.	
			1 110110	
			66034 LAB J 510-555 M W 116 E B POOL 66041 LAB W 610-655PM TU TH 116 E B POOL 66059 LAB OO 1010-1140 S 116 E B POOL	
			66059 LAB ON 1010-1140 S 116 F B POOL	
			00000	
	_		W 115 SYNCHRONIZED SWIMMING.	
Ρ	С	₩	PRESENTISTE: P. F. W. 112.	
			1 HOUR 66066 LAB U 410-455 TU TH 116 E B POOL 66073 LAB X 710-755 PM TU TH 116 E B POOL	
			00075 EAD X 110-755FM 10 1H 110 E B POOL	
Р	Е	W	W 116 DIVING. PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.	
			66081 LAB X 710-755PM TU TH 112 H G POOL	
			66098 LAB Y 810-855PM TU TH 112 H G POOL	
Р	Е	W	W 117 WATER SAFETY.  PREREQUISITE: AMERICAN RED CROSS SENIOR LIFE SAVING CERTIFICA	T.C
			66109 LAB H 315-4 M W 116 E B POOL 66116 LAB K 610-655PM M W 116 E B POOL	
			66109 LAB H 315-4 M H 116 E B POOL 66116 LAB K 610-655PM M W 116 E B POOL 66123 LAB V 510-555 TU TH 116 E B POOL	
			1 HOUR 66109 LAB H 315-4 M W 116 E B POOL 66116 LAB K 610-655PM W 116 E B POOL 66123 LAB V 510-555 TU TH 116 E B POOL	
	_			
Р	Е	M	W 118 COMPETITIVE SWIMMING. PREREQUISITE: P. E. W. 112 OR EQUIVALENT AND CONSENT OF INSTR	UCTOR.
			1 HOUR	
			66131 LAB K 710-755PM M W 116 E B POOL	
Р	Е	W	W 120 HOCKEY. 1 HOUR	
			1 HOUR THIS SECTION MEETS THE EIRST EIGHT WEEKS ONLY ENDING OCTORED	30
			THIS SECTION MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 66148 LAB B 910-955 MTUWTH 210 FREER GY	M
P	F	ш	W 121 LACROSSE.	
		.,	1 HOUR	
			THIS SECTION MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER	30.
			66155 LAB C 1010-1055 MTUWTH 210 FREER GY	M
P	Е	W	W 122 SPEEDBALL. 1 HOUR	
			THIS SECTION MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER	30.
			66162 LAB A 8-845 MTUWTH 210 FREER GY	М
Ρ	Ε	W	W 123 BASKETBALL.	
			1 HOUR	
			66187 LAB K 610-655PM W 26 E B	
			66194 LAB L 810-855PM M W 310 FREER GY	М
			66212 LAB R 110-155 TU TH 26 E B	
			66220 LAB X 710-755PM TU TH 26 E B	
			1 MUR 66170 LAB J 510-555 M W 26 E B 66187 LAB K 610-655PM M W 26 E B 66194 LAB L 810-855PM M W 310 FREER GY 66205 LAB Q 1210-1255 TU TH 26 E B 66212 LAB R 110-155 TU TH 26 E B 66220 LAB X 710-755PM TU TH 26 E B 66237 LAB Y 810-855PM TU TH 26 E B	
P	Ε	W	W 124 VOLLEYBALL.	
			1 HOUR  *SECTIONS X AND Y MEET WITH P. E. M. 129.  66244 LAB A 8-845 M W 218 E B  66251 LAB B 910-955 M W 218 E B  66269 LAB E 1210-1255 M W 218 E B  66276 LAB H 310-355 M W 218 E B  66271 LAB J 510-355 M W 218 E B  66291 LAB J 510-555 M W 218 E B  66301 LAB K 610-655PM M 218 E B  66301 LAB M 8-845 TU TH 218 E B  66319 LAB M 8-845 TU TH 218 E B  66336 LAB O 1010-1055 TU TH 218 E B  66337 LAB P 1110-1155 TU TH 218 E B  66338 LAB Q 1210-1255 TU TH 218 E B	
			66244 LAB A 8-845 M W 218 E B	
			66251 LAB B 910-955 M W 218 E B 66269 LAB E 1210-1255 M W 218 E B 66276 LAB H 310-355 M W 218 E B	
			66269 LAB E 1210-1255 M W 218 E B	
			66283 LAB I 410~455 M W 218 E B	
			66291 LAB J 510-555 M W 218 E B	
			66301 LAB K 610-655PM W 218 E B 66319 LAB M 8-845 TU TH 218 E B	
			66326 LAB N 910-955 TU TH 218 E B	
			66333 LAB 0 1010-1055 TU TH 218 E B	
			66341 LAB P 1110-1155 TU TH 218 E B 66358 LAB Q 1210-1255 TU TH 218 E B	

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218 E B
                                                                                                                         218
              66397
66408
66415
                                                                                                                         218
                                                                                                                         218
                                                                                                                                    F B
                                                                                                                         218
                                                                                                                                    FR
P E W 130 BA
                           BADMINTON.
              26 E B
26 E B
310 FREE
26 E B
310 FREE
310 FREE
                                                                                                                                    FREER GYM
                                                                                                                                    E B
                                                                                                                                    FREER GYM
                                                                                                                                    FREER GYM
                                                                                                                         310
                                                                                                                                    FREER GYM
                                                                                                                                    E B
                                                                                                                        26
26
310
26
310
26
                                                                                                                                    F B
                                                                                                                                    EREER GYM
                                                                                                                                    E B
                                                                                                                                    FREER GYM
                                                                                                                                    E B
                                                                                                                        310 FREER GYM
310 FREER GYM
P E W 131
                  1 HOUR
                   I HOUR
IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF.
$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP
TRANSPORTATION FROM FREER GYMNASIUM TO PAR 3 ON
U. S. 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3
COURSE WILL BE AN ADDITIONAL $0.25.
                   ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.
              ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 3'
66590 LAB F 110-240 M W 11 FREER GYM
66601 LAB FF 110-240 M W 210 FREER GYM
66618 LAB H 310-440 M W 210 FREER GYM
66625 LAB HH 310-440 M W 210 FREER GYM
66622 LAB P 1110-1240 TU TH 11 FREER GYM
66640 LAB PP 1110-1240 TU TH 210 FREER GYM
66657 LAB R 110-240 TU TH 11 FREER GYM
66664 LAB RR 110-240 TU TH 11 FREER GYM
66666 LAB T 310-440 TU TH 11 FREER GYM
66667 LAB T 310-440 TU TH 11 FREER GYM
              66664
66671
66689
P E W 132
                           BOWLING.
              1 HOUR
              1 HOUR

ALLEY SERVICE CHARGE, $7.50.

66696 LAB A 8-845 M W 60 I U ALLEYS
66707 LAB B 9-945 M W 60 I U ALLEYS
66714 LAB C 10-1045 M W 60 I U ALLEYS
66721 LAB D 11-1145 M W 60 I U ALLEYS
66739 LAB F 1-145 M W 60 I U ALLEYS
66746 LAB M 8-845 TU TH 60 I U ALLEYS
66753 LAB N 9-945 TU TH 60 I U ALLEYS
66753 LAB N 9-945 TU TH 60 I U ALLEYS
66761 LAB D 10-1045 TU TH 60 I U ALLEYS
66778 LAB R 1-145 TU TH 60 I U ALLEYS
P E W 133 FE
1 HOUR
*ALL SE
                            FENCING.
                  *ALL SECTIONS MEET THE LAST EIGHT WEEKS ONLY BEGINNING NOV. 2.
              66867
66874
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P E W 135
                    ARCHERY.
             1 HOUR
             *SECTIONS A AND J MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCT. 30.
             *SECTION D MEETS WITH P. E. M. 132 FOR THE FIRST EIGHT WEEKS ONLY,
             ENDING OCTOBER 30.
          66900 LAB
                                                       8-845
9-945
                                                                     MTUWTH
                         LAB B 9-945 M W 11 FREER GYM
LAB C 10-1045 M W 11 FREER GYM
LAB *D 11-1145 MTUWTH 11 FREER GYM
LAB *J 5-545 MTUWTH 11 FREER GYM
          66899
          66924
          66917
                  TENNIS.
P E W 136
            1 HOUR
            1 HOUR

ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

6931 LAB B 9-945 MTUWTH 207 FREER GYM
6949 LAB C 10-1030 MTUWTHF 207 FREER GYM
6956 LAB CC 1045-1115 MTUWTHF 207 FREER GYM
6963 LAB D 1130-12 MTUWTHF 207 FREER GYM
6971 LAB E 1215-1245 MTUWTHF 207 FREER GYM
6988 LAB F 1-130 MTUWTHF 207 FREER GYM
6995 LAB FF 145-215 MTUWTHF 207 FREER GYM
6995 LAB FF 145-215 MTUWTHF 207 FREER GYM
7008 LAB G 230-3 MTUWTHF 207 FREER GYM
7015 LAB H 315-4 MTUWTHF 207 FREER GYM
          66931
          66949
          66956
          66963
          66971
          66988
          66995
          67008
          67015
P E W 138
                   TRACK AND FIELD.
            1 HOUR
              THIS SECTION MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.
          67022
             GOLF, II.
SAME AS P. E. M. 139.
PREREQUISITE: P. E. W. 131 OR P. E. M. 138, AND CONSENT OF
P E W 139
             INSTRUCTOR.
             1 HOUR
             IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF. $18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP TRANSPORTATION FROM FREER GYM TO PAR 3 ON U. S. ROUTE 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3 COURSE WILL BE AN ADDITIONAL
             $0.25.
             ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.
             NOTE: FIRST CLASS MEETING, 210 FREER GYM.
          67030
                          LAB
                                    MM 9-11 M W
VV 11-1 M W
                                                                                    PARS RT 45 SOUTH
                                                                                    PAR3 RT 45 SOUTH
          67047
                          LAB
            O ADVANCED TENNIS.
PREREQUISITE: P. E. W. 136 OR CONSENT OF INSTRUCTOR.
P E W 140
             1 HOUR
          ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.
                    LAB A 8-845 MTUWTH 207 FREER GYM
LAB I 410-455 MTUWTH 207 FREER GYM
          67061
                    BALLROOM DANCE.
             1 HOUR
             MEETS WITH P.E.M. 142.
                                                     2-245 M W
3-345 M W
4-445 M W
7-745PM M W
9-945 TU TH
10-1045 TU TH
           67079
                    LAB G
                                                                                      302 H G
302 H G
          67086
                          LAB HH
LAB I
LAB KK
LAB N
LAB O
LAB P
                                                                                       6 OGLESBY
          67093
           67104
                                                                                         6 DGLESBY
          67111
                                                                                         6
                                                                                             OGLESBY
                                                                                      302 H G
          67129
          67136
67143
                                                                                     302 H G
302 H G
PEW 143 AF
                     AMERICAN SQUARE DANCE.
             MEETS WITH P.E.M. 143.
          67151
                                                    1
                         LAB
                                                                     TU TH 302 H G
P E W 144 TECHNIQUES IN ANGLING.
                     SAME AS P. E. M. 144.
             1 HOUR
          MEETS FOR THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.
67168 LAB G 2 MTUWTHF 120N ICE RINK
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# P E W 145 FIGURE SKATING. 1 HOUR MEETS WITH P.E.M. 145. ALL SECTIONS MEET LAST EIGHT WEEKS ONLY, BEGINNING NOVEMBER 2. 67175 LAB A 8-830 MTUWTHF 120S ICE RINK 67182 LAB B 9-945 MTUWTH 120S ICE RINK 67190 LAB C 1010-1040 MTUWTHF 120S ICE RINK 67201 LAB D 1110-1140 MTUWTHF 120S ICE RINK 67218 LAB E 1210-1240 MTUWTHF 120S ICE RINK 67225 LAB F 110-140 MTUWTHF 120S ICE RINK 67232 LAB G 210-240 MTUWTHF 120S ICE RINK

# PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR WOMEN DEPARTMENT DEFICE 117 FREER GYM

# COURSES FOR UNDERGRADUATES

Р	F	W	150 PRO	FESSIONAL O	RIENTAT	I ON.		
	-		2 HOURS					
			*SECTION	H IS FOR T	RANSFER	STUDENTS.	REGISTER F	OR LECTDISC. H
			ONLY.					
			67240	LECT	U	4	TU	135 A S L
			67257		T1	3	TU TH	393 BEV HALL
			67264		T 2	3	TU TH	316S M H
			67271	DISC	13	3 3 3	TU TH TU TH	320 M H
			67290	DISC LECT-DISC	& 1 4 *!!	3	M W	130 FREER GYM
			01209	LEC1-015C	*17	5	In M	130 FREER GTM
Р	Ε	W	151 BAS	IC MOVEMENT	AND BO	DY MECHANI	CS.	
			67307	LAB	С	10	M W F	311 FREER GYM
				LAB	D		M W F	311 FREER GYM
				LAB	0	10	TU TH	311 FREER GYM
			01321	CAU	0	10	F	310 FREER GYM
			67339	t AB	P	11	TU TH	311 FREER GYM
					ρ	11	F	310 FREER GYM
P	Ε	W	152 HOC 1 HOUR	KEY AND VOL	LEYBALL	•		
				LAB	С	10-12	M W	310 FREER GYM
			67353	LAB	0	10-12	TU TH	310 FREER GYM
			67361		F	1-3	M W	310 FREER GYM
			67378	LAB	R	1-3	TU TH	310 FREER GYM
P	Ε	W	154 SOF 1 HOUR	TBALL AND G	YMNASTI	CS AND APP	ARATUS I.	
			6 <b>7</b> 385	LAB	F1	1-3	M W	311 FREER GYM
			67392		F2		M W	311 FREER GYM
					R1	1-3		311 FREER GYM
			67411	LAB	R 2	1-3	TU TH TU TH	311 FREER GYM
Р	Е	W	156 STU	NTS. TUMBLE	NG, AND	TRAMPOLIN	E.	
				SITE: P. E.	W. 151			
			67428	LAB	F1	1-3	F	311 FREER GYM
					F1	7-9PM	W	312NE M G G
			67435	LAB	F2	1-3	F	215 FREER GYM
					F2	7-9PM	W	312NE M O G
P	E	W	165 TEA	CHING OF SW SITE: SOPHO		ANDING 0	E W 112	AND 161
			2 HOURS	311L+ 3UFNU		AITOING, P.	L. W. 112	MHU 131+
				ITIONAL HOU	R TO BE	ARRANGED.		
			67442		C	10	TU TH	11 E B
				LAB	C	*11	TU TH	116 E B POOL

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P E W 166
                ELEMENTARY SCHOOL GAMES.
          PREREQUISITE: SOPHOMORE STANDING; CREDIT OR REGISTRATION IN PSYCH.
          216 OR 217 OR EDPSY. 236.
           3 HOURS
          *ONE ADDITIONAL HOUR CONFERENCE PER WEEK TO BE ARRANGED.
          MEETS WITH P.E.M. 166.
                 LECT-DISC M
                                         *9-11
                                                    TU TH
            TEACHING OF GYMNASTICS AND DANCE.
P E W 167
         PREREQUISITE: JUNIOR STANDING, P. E. W. 154, 155, 166, DANCE 160.
          2 HOURS
                     LAR-DISC
                               E1
                                                     M W F
                                                                 311 FREER GYM
310 FREER GYM
        67467
                                          12
                    LAB-DISC E2
        67474
                                          12
               BASKETBALL OFFICIATING.
P E W 180
          1 HOUR
                    LAB-DISC X1 7PM
                                                   M W
                                                                 310 FREER GYM
        67481
                           COURSES FOR ADVANCED UNDERGRADUATES
               ORGANIZATION OF PHYSICAL EDUCATION.
          PREREQUISITE: CONCURRENT REGISTRATION IN ED. PR. 238, 242, AND 250.
          3 HOURS
          WILL NOT MEET DURING THE TEN-WEEK STUDENT TEACHING PERIOD.
499 LECT-DISC B 9 MTUWTHF 36 COMM
        67499
                                                                  36 COMM W
P E W 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION. AND
               RECREATION.
          PREREQUISITE: JUNIOR STANDING. CONCURRENT REGISTRATION IN P. E. W.
          213 AND 215.
          3 HOURS
        67500
                    LECT-DISC D 9 TU N107 T H
D 10 TU TH N107 T H
P E W 206 KINESIOLOGY.
          SAME AS P. E. M. 206.
PREREQUISITE: PHYSL. 103 AND 234.
          3 HOURS
                    LECT-DISC C
LECT-DISC E
LECT-DISC R
                                         10 MTUWTH 207A H G
1-3 M W 130 FREER GYM
1-3 TU TH 130 FREER GYM
        67517
        67524
        67531
P E W 208
               THEORY OF PRESCRIBING EXERCISE.
          PREREQUISITE: P. E. W. 206. CONCURRENT REGISTRATION IN P. E. W.
          222.
          3 HOURS
          TWO LAB HOURS TO BE ARRANGED FOR IN EXERCISE CLINIC, 3-5 M-W-F.
1549 LECT-DISC 0 #11 TU TH 130 FREER GYM
1556 LECT-DISC F #12 M W 130 FREER GYM
        67549
P E W 209 HISTORY OF SPORT.

SAME AS P. E. M. 209.

PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
          3 HOURS
                    LECT-DISC D
LECT-DISC E
        67563
                                          11
                                                                209 H G
N107 T H
        67571
                                                     M
                                                        W
                                                                N107 T H
P E W 213
               TEACHING OF TEAM SPORTS.
          PREREQUISITE: JUNIOR STANDING; P. E. W. 151, 152, 153, 154, 166 AND P. E. W. 165 OR 214, OR CONSENT OF INSTRUCTOR. CONCURRENT
          REGISTRATION IN P. E. W. 205 AND 215.
          4 HOURS
                                           8-10 M W 130 FREEK GTH
TH HOCKEY FLO FREER
        67588
                    LECT-DISC A
                                 Δ
                                           9
                TEACHING OF INDIVIDUAL SPORTS.
          PREREQUISITE: JUNIOR STANDING; P. E. W. 151, 153, 155, 166 OR
          CONSENT OF INSTRUCTOR.
          2 HOURS
       67595
                    LECT-DISC M1
                                           8
                                                      TU
                                                                 130 FREER GYM
                                                                 130 FREER GYM
310 FREER GYM
310 FREER GYM
                                         9
                                 M1
                                                      TU TH
        67606
                    LECT-DISC M2
                                                        TH
                                                      TU TH
                                 M2
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SUPERVISED EXPERIENCE AND TEACHING, II.
PREREQUISITE: JUNIOR STANDING; P. E. W. 216; CONCURRENT
REGISTRATION IN P. E. W. 205 AND 213. P E W 215 O CREDIT 67613 LAB TH 130 FREER GYM S SUPERVISED EXPERIENCE AND TEACHING, I. PREREQUISITE: JUNIOR STANDING; P. E. W. 166; COMPLETION OF ONE ELECTED INDIVIDUAL SPORT. O CREDIT 67621 TH 207B FREER GYM
TU 310 FREER GYM 67638 LAB M2 8 P E W 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER. PREREQUISITE: JUNIOR STANDING, NON-PHYSICAL EDUCATION MAJOR. 2 HOURS MEETS WITH P.E.M. 220. 218 E B 1 M W F 11 E B 218 E B 2 M 2 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.
PREREQUISITE: P. E. W. 154 AND 166, DANCE 235, 48 OR MORE HOURS
OF APPROVED LABORATORY WORK WITH CHILDREN OR CONSENT OF INSTRUCTOR.
CONCURRENT REGISTRATION IN P. E. W. 208. P E W 222 2 HOURS 67677 LECT-DISC C 10 M W F 130 FREER GYM 130 FREER GYM 11 67684 P E W 235 SQUARE AND BALLROOM DANCE. 2 HOURS MEETS WITH P. E. M. 235. 1-3 TU TH 7-9PM M W RI X1 67691 LAB 218 E B 218 E B 67702 LAB P E W 240 PHYSIOLOGY OF HUMAN EXERCISE. SAME AS P. E. M. 240.
PREREQUISITE: PHYSL. 103 AND 234. 3 HOURS 67710 LECT-DISC F MTUWTH 2074 H G P E W 250 SPECIAL PROBLEMS. PRETEQUISITE: JUNIOR OR SENIOR STANDING; GRADE-POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT. \*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS CREDIT. \*2 OR 3 HOURS 67727 LECT-DISC APP HONORS SEMINAR. SAME AS H. ED., P. E. M., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.

P E W 260

\*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT. \*2 HOURS

\*2 HOURS
SECTION &XI TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.
SECTION &XZ TOPIC: INTRODUCTION TO RESEARCH.
7734 LECT-DISC &XI 7-9PM W 207B FREER
7741 LECT-DISC &XZ 7-9PM W 15 E B 67734 2078 FREER GYM 67741

211 P B

SUTTON

ENGINEERING PHYSICS CURRICULUM--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S.CURRICULUM IN PHYSICS--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S. GENERAL CURRICULUM MAJOR: TWENTY HOURS IN PHYSICS, INCLUDING PHYSICS 321, 341, AND 342, AND EXCLUDING COURSES WITH NUMBERS LOWER THAN 270.

L.A.S. GENERAL CURRICULUM MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH NOT LESS THAN EIGHT HOURS IN EACH IF TWO ARE CHOSEN-ASTRONOMY, CHEMISTRY, EDUCATION, GEOLOGY, MATHEMATICS, ZOOLOGY OR ANY ONE BRANCH OF ENGINEERING.

PHYSICS 101 AND 102 ARE RECOMMENDED TO PREMEDICAL, PREDENTAL, ARCHITECTURE, AND OTHER STUDENTS NOT SPECIALIZING IN PHYSICS, MATHEMATICS, CHEMISTRY OR ENGINEERING.

THE CALCULUS PREREQUISITE FOR CERTAIN COURSES MAY BE SATISFIED EITHER BY MATH. 132 AND 142. OR MATH. 133 AND 143.

### COURSES FOR UNDERGRADUATES

PHYCS 101 GENERAL PHYSICS (MECHANICS, HEAT, AND SOUND).
FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE.
PREREQUISITE: TRIGONOMETRY.

5 HOU	RS					
67759	L EC T	ă	10	TU TH	141	P B
67766	LECT	В	1	TU TH	141	P B
67773	LAB	A1	8-11	M	132	P B
	QUIZ	A 1	8-10	W	147	P B
67781	LAB	A 2	9-12	M	164	P B
	QUIZ	A2	10-12	W	147	P B
67798	LAB	B 1	12-3	M	132	P B
	QUIZ	81	1-3	W	147	P B
67809	LAB	82	12-3	M	164	P B
	QUIZ	B 2	1-3	W	319	CER
67816	LAB	Cl	3-6	R	132	РВ
	QUIZ	Ci	3-5	W	147	PB
67823	LAB	C 2	3-6	M	164	Pβ
	QUIZ	C2	3-5	W	137	P B
67831	LAB	01	9-12	TU	132	РВ
	QUIZ	01	10-12	TH	132	РВ
67848	LAB	E1	12-3	TU	132	PB
	QUIZ	E 1	1-3	TH	136	MEB
67855	LAB	E 2	12-3	TU	164	P B
	QUIZ	E 2	1-3	TH	143	РВ
67862	LAB	F1	3-6	TU	132	P 8
	QUIZ	F1	3-5	TH	137	P B
67870	LAB	F 2	3-6	TU	164	ΡВ
	QUIZ	F2	3-5	TH	143	P B
67887	LAB	G 1	8-11	W	132	P B
	QUIZ	G 1	8-10	M	147	P B
67894	LAB	G2	9-12	W	164	P B
	QUIZ	G2	10-12	M	147	P B
6 <b>7</b> 905	LAB	H1	12-3	W	132	P B
	QUIZ	H1	1-3	M	147	P B
67912	LAB	H2	12-3	W	164	P B
	QUIZ	H2	1-3	Ħ	143	P B
67920	LAB	I 1	3-6	W	132	P B
	QUIZ	I 1	3-5	M	143	P B
6 <b>7</b> 937	L AB	12	3-6	N	164	Р В
	QUIZ	I 2	3-5	M	137	P 8
67944	LAB	K 1	12-3	TH	1.32	P B
	QUIZ	K1	1-3	TU	143	P B
67951	LAB	K2	12-3	TH	164	Pβ
	QUIZ	K 2	1-3	TU	136	M E B
67969	LAB	Ll	3-6	TH	132	P B
	QUIZ	L 1	3-5	10	319	CER

322

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PHYCS 101 CONTINUED
67976 LAB
                                                               164 P B
158 P B
                          L2
                                         3→6
3-5
12-3
                                                        TH
                                                   TU
                    QUIZ
                                                                     PB
        67983
                    LAB
                                Nl
                                                                132
                    QUIZ
                                Nl
                                         1-3
12-3
                                                                320
                                                                     PB
        67991
                    LAB
                                N2
                                                                164
                                                                     PB
                                          1-3
                    QUIZ
                                N2
                                                                143
                                                                     P B
        68003
                    LAB
                                02
                                                                164
                                                                      PB
                    QUIZ
                                02
                                          3-5
                                                                139
                                                                     P B
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GENERAL PHYSICS (LIGHT, ELECTRICITY, AND MAGNETISM). FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE. PREREQUISITE: PHYCS. 101. PHYCS 102

LKTKLEO	12115	Luica. Int.					
5 HOURS							
68011	LECT		2	TU TH	151	Ρ	В
68028	LAB	A	9-12	M	32	Р	В
	QUIZ	Α	10-12	W	32	Ρ	В
68035	LAB	В	12-3	M	32	Р	В
	QUIZ	В	1-3	W	32	Р	В
68042	LAB	C	3-6	M	32	Р	В
	QUIZ	C	3-5	W	32	Ρ	В
68050	LAB	D	9-12	TU	32	P	В
	QUIZ	D	10-12	TH	32	P	В
68067	LAB	F	3-6	TU	32	Р	В
	QUIZ	F	3-5	TH	32	Ρ	B
68074	LAB	N	12-3	F	32	P	В
	QUIZ	N	7-9PM	TU	32	Р	В
68081	LAB	0	3-6	F	32	Ρ	В
	QUIZ	0	7-9PM	W	32	Ρ	В

WORTIS

O'HALLORAN O "HALL OR AN

GENERAL PHYSICS (MECHANICS).
FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: MATH. 120; CREDIT OR REGISTRATION IN MATH. 130 OR 131 PHYCS 106

4 HOURS							
68099	LECT	Ā	9	TU TH	151	PB	
68100	LECT	В	11	TU TH	151	P B	
68117	LAB	A 3	8-10	F	232	P B	
	QUIZ	A 3	8-10	M	232	P B	
68124	LAB	83	8-10	F	264	P B	
	QUIZ	83	8-10	M	264	PB	
68131	LAB	C 3	10-12	F	232	P B	
	QUIZ	C 3	10-12	M	232	P B	
68245	LAB	£D3	10-12	F	264	P B	
	QUIZ	٤ D 3	10-12	M	264	P B	
68149	LAB	E 2	1-3	W	232	PB	
	QUIZ	E2	1-3	F	147	P B	
68156	LAB	E3	1-3	F	232	P B	
	ZIUP	E 3	1-3	M	232	P B	
68163	LAB	F2	1-3	W	264	P B	
	QUIZ	F2	1-3	F	137	P B	
68171	LAB	F3	1-3	F	264	P B	
	QUIZ	F3	1-3	M	264	P B	
68188	LAB	G2	3~5	W	232	PB	
	QUIZ	G2	3-5	F	232	P B	
68195	LAB	H2	3-5	W	264	₽ B	
	QUIZ	H2	3-5	F	264	P B	
68252	LAB	1M3	1-3	TU	264	P B	
	QUIZ	£ M1	1 -3	TH	137	P B	
68206	LAB	M.2	1-3	TH	264	P B	
	QUIZ	M2	1-3	ŦU	137	P B	
68213	LAB	N1	1-3	TU	232	P B	
	QUIZ	N1	1-3	TH	158	PB	
68221	LAB	N2	1-3	TH	232	P B	
	QUIZ	N2	1-3	TU	158	P B	
68238	LAB	01	3-5	TU	232	P B	
	QUIZ	01	3-5	TH	232	P B	

PHYCS 107 GENERAL PHYSCIS (HEAT, ELECTRICITY, AND MAGNETISM).

FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS. AND CHEMISTRY.

PREREQUISITE: PHYCS. 106; CREDIT OR REGISTRATION IN MATH. 140

OR 141.

LAVATELLI LAVATELLI LAVATELLI

OR 141. 4 HOURS						
68260	LECT	Α	1	M W	141 P B	
68277	LECT	В	2	M W	141 P B	
68284	LECT	C	4	M W	141 P B	
68291	LAB	Δ2	8-10	W	234 P B	
	QUIZ	A2	8-10	F	147 P B	
68302	LAB	A 3	8-10	F	234 P B	
	ZIUQ	A 3 B 2	8-10 8-10	M	137 P B 262 P B	
68310	LAB QUIZ	B 2	8-10	w F	139 P B	
68327	LAB	B3		F	262 P B	
00321	QUIZ	83	8-10 8-10	м	139 P B	
68334	LAB	C 2	10-12	W	234 P B	
	QUIZ	C2	10-12	F	139 P B	
68341	LAB	C 3	10-12	F	234 P B	
	QUIZ	C 3	10-12	M	143 P B	
68619	LAB	£ D2	10-12 10-12	W	262 P B	
68626	QUIZ LAB	&D2 &D3	10-12	F	319 CER 262 P B	
00020	QUIZ	&D3	10-12	М	139 P B	
68633	LAB	&E1	1-3	M	234 P B	
00033	QUIZ	£ E 1	1-3	W	139 P B	
68359	LAB	E 2	1-3	W	234 P B	
	QUIZ	E2	1-3 1-3	F	139 P B	
68366	LAB	E 3	1-3	F	234 P B	
	QUIZ	E 3	1-3	M		В
68373	LAB	F1	1-3	M	262 P B 236 P B	
68381	QUIZ LAB	F1 F2	1-3	W	236 P B 262 F B	
00301	QUIZ	F2	1-3	w F	143 P B	
68398	LAB	F3	1-3 1-3	F	262 P B	
	QUIZ	F3	1-3	M	139 P B	
68409	LAB	G1	3-5	M	234 P B	
	QUIZ	G1	3-5	W	234 P B	
68416	LAB	G2	3-5	F	234 P B	
	QUIZ	G2	3-5	M	139 P B	
68423	L AB QUI Z	H1	3-5 3-5	M	262 P B	
68431	LAB	HI	8-10	TU	234 P B	
00431	QUIZ	11	8-10	TH	139 P B	
68448	LAB	12	8-10	TH	234 P B	
	QUIZ	12	8-10	5	139 P B	
68455	LAB	13	8-10 8-10	S	234 P B	
	QUIZ	13	8-10	TU	137 P 8	
68462	LAB	J1	8-10	TH	262 P B 232 P B	
68470	QUI Z LAB	J1 J2	8-10 8-10	TH	232 P B 262 P B	
00410	QUIZ	J2	8-10	TU	139 P B	
68487	LAB	J3	8-10	S	262 P B	
	QUIZ	J3	8-10	TU	236 P B	
68641	LAB	£K1	8-10 10-12	TU	234 P B	
	QUIZ	£K1	10-12	TH	232 P B	
68505	LAB	K 2	10-12	ТН	262 P B	
68512	QUI 7 LAB	K2 K3	10-12 10-12	S S	143 P B 234 P B	
00312	QUIZ	K3	10-12	TU	139 P B	
68658	LAB	EL1	10-12 10-12	TU	262 P B	
	QUIZ	EL 1	10-12	TH	139 P B	
68520	LAB	L2	10-12	TH	234 P B	
	QUIZ	L2	10-12	S	137 P B	
68665	LAB	1 M 3	1-3	TU	234 P B	
68537	QUIZ	1M3	1-3 1-3	TH	139 P B	
00001	LAB QUIZ	M 2 M 2	1-3	TH TU	234 P B 139 P B	
68544	LAB	N1	1-3	TU	262 P B	
00544	QUIZ	N1	1-3	TH	136 P B	
68672	LAB	EN2	1-3	TH	262 P B	
	QUIZ	&N2	1-3	TU	136 P B	
68551	LAB	01	3-5	TU	234 P B	
10510	QUI Z	01	3-5	TH	139 P B	
68569	LAB	02	3-5	TH	234 P B	
68576	QUIZ	02 P1	3-5 3-5	TU TU	139 P B	
00010	LAB	PI	3-5	TH	262 P B 147 P B	
68583	LAB	P2	3-5	TH	262 P B	
	QUIZ	P2	3-5	TU	137 P B	
68591	LAB	R1	7-9PM	TH	234 P B	
	QUIZ	R1	3 - 5	TU	264 P B	
68601	LAB	R 2	7-9PM	TH	262 P B	
	QUIZ	R2	3-5	TU	136 P B	

PHYCS			SICS (WAV	E MOTION,	SOUND, LIGHT	T AND M	ODERN	
	FOR ST	PHYSICS).	ENGINEERI	NG. MATHEM	ATICS, PHYS!	ICS. AN	D CHEMISTE	RY.
	PREREG	UISITE: PH	YCS. 107;	CREDIT OR	REGISTRATIO	ON IN M	ATH. 140	
	OR 141							
	68680	LECT		9	M W	141	Р В	SALAMON
	68697	LAB	D1	10-12	F		P B	
	68708	QUIZ LAB	D1 D3	10-12 10-12	M E		P B P B	
	00100	QUIZ	D3	10-12	М	236	P B	
	68715	LAB	F1	1-3	W		P B	
	68722	QUIZ LAB	F1 F2	1-3 1-3	F	319 236	CER	
	00122	QUIZ	F 2	1-3	м	236	P B	
	68730	LAB	F3	1-3	F	258	P B	
	68747	QUIZ	F3 G1	1 = 3 3 = 5	M W	258 236	P B P B	
	00141	L AB QUIZ	G1	3-5	" F	236	P B	
	68754			3-5	W	258	P B	
	68761	QUIZ	H1	3-5 10-12	TH	258 236	P B	
	00701	QUIZ	K1 K1	10-12	TU	236	P B	
	68804	LAB QUIZ LAB QUIZ LAB QUIZ	&L1	10-12	TH	258		
	68811	QUI Z L AB	& L l & M l	10-12 1-3	TU TH	258 236	PB	
	00011	QUIZ	EM1	1-3	τυ	236	PR	
	68779	I AB	N1 N1	1-3 1-3	TH TU	258 258		
	68786	QUIZ	02	3-5	TH	236	P B	
		QUIZ	02	3-5	TU	236 258	P B	
	68793	L AB QUI Z	P 2	3-5 3-5	TH	258 258	P B	
PHYC S	*MAY	UNDERGRADUATE REPEATED. 9 HOURS CONF	•	ARR	DED CO ADUATES	S AND G	DADIIATES	
		40DERN EXPE			DERGRADUATES	S AND G	KADUATES	
PHYCS	PREREG 5 HOUR	QUISITE: PHY	YCS. 342;	REGISTRAT	ION IN PHYC:	S. 381	OR 386.	
		IONORS STUDI	ENTS.					050000050
	68836 68843	L E C T L A B	А	3-5 1-5	M W F	136	PB	DEBRUNNER, MOCHEL
	68851	LAB	В	1-5	TUTH	336 336	PB	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	68868	LAB	23*	ARR				
PHYCS		ODERN EXPE			1.			
	5 HOUF	QUISITE: PHY RS OR 1 UNI	Т					
	*FOR H	HONORS STUDI	ENTS.					
	68875 68882	L AB L AB	A B	1-5 1-5	W F TU TH	336 336	P B	
	68890	LAB	33*	ARR		330		
PHYCS	321 1	THEORETICAL	MECHANIC	S -				
	PREREG MATH.	OUISITE: GE	NERAL PHY DR 349.	SICS, CONC	URRENT REGIS DUATE MAJOR:			
	*4 HOU	JRS OR 1 UN	T					
	68901 68918	L ECT LECT	A B	10	M W F		P B P B	EISENSTEIN MORTARA
	00710	LLC,	J	1.1	- H	130		HOW FAILM
PHYCS	322 1	THEORETICAL	MECHANIC	S .				
	PREREC	QUISITE: PHY	rcs. 321.	-				
	4 HOUF	RS OR 1 UNIT	r	DECISES	TN LECT D			
	68925	LECT	A A	11	IN LECT. B.	137	РВ	GR AN ATD
	68932	LECT	*B	1-220	M W	144	PB	STACK

PHYCS	341 ELE	CTRICITY AN	ID MAGNET	ISM.	TRATION IN	MATU	261 262	
	OR 345,	OR CONSENT	OF INSTR	UCTOR.	11/41/10/4	rigi III e	3414 3434	
	*NO GRAD	UATE CREDIT	FOR GRA	DUATE MA.	ORS IN PHYS	ICS.		
	*4 HOURS	, OR 1/2 OR LECT	A UNIT	9	M W F	158	РВ	GINSBERG
	68957	LECT	В	10	MWF	144	P B	BRUSSEL
	68964	LAB	A	2-5	M	332	P B	
	68971 68989	LAB LAB	B C	9-12 1-4	TU TU	332	P B	
	68996	LAB	D	2-5	W	332	P 8	
	69009		E	9-12	TH	332	P B	
	69016 69023	LAB LAB	F G	1-4	TH	332 332	P B P B	
	0,000					332		
PHYCS	24.2 51.5	CTRICITY AN	D MACNET	104				
PHTCS	PREREQUI	SITE: PHYCS	. 341.	15.				
	*NO GRAD	UATE CREDIT	FOR GRA	DUATE MAL	ORS IN PHYS	ICS.		
	*4 HOURS	, OR 1/2 OR LECT	1 UNIT	9	M W F	143	РВ	LYMAN
	69048	LECT		10	MWE	137	PB	ROBINSON
	69055	LAB	Α	2-5	M		P B	
	69062 69070	LAB	В	9-12 1-4	7⊎ 7∪	364 364	P B P B	
	69087	LAB	D	2-5	W		PE	
	69094	LAB LAB LAB	B B C D	1-4	TH	364	РВ	
	69105	LAB	F	2-5	F	364	РВ	
PHYCS	344 ELE			FOURTHALE	AIT			
		SITE: PHYCS OR 1 UNIT	. 343 UH	EQUIVALE	:NI •			
	69112	LECT		1	M W	137	Р В	PEACOCK
	69120	LAB	Α	2-5	M_ W		P B	
	69137	LAB	В	1-4	TU TH	434	Р В	
PHYCS	360 THE	RMODYNAMICS SITE: GENER		CE AND CA	1.618.116			
		OR 1 UNIT	AL PHISI	CS AND CA	LCOLOS.			
		LECT		11	M W F	158	P B	ANDERSON
PHYCS	362 KIN							
	PREREQUI	SITE: PHYCS OR 1 UNIT	. 360 OR	CONSENT	OF INSTRUCT	OR.		
	69151	LECT		10-1120	TU TH	158	РВ	
PHYCS	371 LIG	HT.						
111103	PREREQUI	SITE: GENER	AL PHYSI	CS, MATH.	345, OR CO	NSENT	OF	
	INSTRUCT	OR. OR 1/2 TO						
	69169	LECT	I UNII	10-1120	TU TH	144	РВ	KOESTER
	69176	LAD	_	1-4	TU	432	P B	
	69183	L AB	В С	2-5	₩ TH	432	P B P B	
	03131	LAD	C	1-4	111	432	PD	
PHYCS		MIC PHYSICS E AS CHEM.						
	PREREQUI	SITE: GENER	AL PHYSI	CS AND MA	TH: 343 OR	345.		
	*CREDIT	NOT ALLOWED	FOR PHY	CS. 381 C	R CHEM. 396	IN A	ODITION TO	
	PHYCS. 3	OR 1 UNIT						
	69201	LECT		10	M W F	158	Р В	
PHYCS	383 ATO	MIC PHYSICS	AND QUA	NTUM THEC	RY.			
	PREREQUI	SITE: GENER	AL PHYSI	CS. GENER	RY. AL CHEMISTR	Y, MAT	TH. 345, OR	
	EQUIVALE 3 HOURS.	NT. OR 3/4 OR	1 ISMET					
	69219	LECT	A	9	M W F	151	P B	WILLIAMS
	69226	LECT	В	11	M W F	151	РВ	JACKSON
PHYCS		RODUCTION T	O QUANTL	M MECHANI	CS.			
	PREREQUI	SITE: MATH.	343, 34	5, OR COM	SENT OF INS	TRUCTO	)R.	
	*4 HOURS	OR 1 UNIT	FOR PHI	C3+ 387 I	N ADDITION	IU PH	03. 301.	
	69233	LECT		830-10	TU TH	143	Р В	HOLLOWAY

ATOMIC PHYSICS AND QUANTUM MECHANICS, I.
PREREQUISITE: GENERAL PHYSICS; MATH. 343 OR 345 OR CONSENT PHYCS 386 OF INSTRUCTOR. \*CREDIT NOT ALLOWED FOR PHYCS. 386 IN ADDITION TO PHYCS. 381 OR CHEM. 396. \*4 HOURS OR 1 UNIT M W F 69241 LECT 9 144 P 8 KRUSE: STAPLETON PHYCS 387 ATOMIC PHYSICS AND QUANTUM MECHANICS, II. PREREQUISITE: PHYCS. 386. \*CREDIT NOT ALLOWED FOR PHYCS. 387 IN ADDITION TO PHYCS. 385. \*4 HOURS OR 1 UNIT 69258 LECT 1-220 TU TH 144 P B ASCOLI COURSES FOR GRADUATES PHYCS 400 PROBLEMS AND METHODS OF MATHEMATICAL PHYSICS. PREREQUISITE: MATH. 342 OR 345 OR 347, OR 387, PHYCS. 322 AND 342, OR CONSENT OF INSTRUCTOR. 830-10 TU TH 144 P B SULL IVAN PHYCS 435 THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES. SAME AS E.E. 435. PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC PHYSICS. 1 UNIT TU TH 69272 DT SC. R 1-230 335 E E B SAH 1 ELECTRODYNAMICS.
PREREQUISITE: PHYCS. 342 OR EQUIVALENT, REGISTRATION IN PHYCS. 400 OR CONSENT OF INSTRUCTOR. 1 UNIT 69280 LECT 10 MWF 151 P B SMITH 2 ELECTRODYNAMICS. PREREQUISITE: PHYCS. 441. PHYCS 442 1 UNIT 69297 TU TH LECT 10-1120 136 P B ADI ER 2 STATISTICAL MECHANICS AND KINETIC THEORY.
PREREQUISITE: PHYCS. 360 AND ELEMENTARY QUANTUM
MECHANICS, OR CONSENT OF INSTRUCTOR. PHYCS 462 1 UNIT 69308 LECT 10-1120 TU TH 137 P B WRIGHT INTRODUCTION TO NUCLEAR AND PARTICLE PHYSICS. PREREQUISITE: PHYCS. 480 DR CONSENT OF INSTRUCTOR. 1 UNIT 69315 LECT 1-220 M W 151 P B SCHULT PHYCS 476 PARTICLE PHYSICS II. PREREQUISITE: PHYCS. 475. 1 UNIT LECT 3-420 W F 136 P B 69322 WATTENBERG 7 SEMINAR IN HIGH-ENERGY PHYSICS.
PREREQUISITE: PHYCS. 470 OR CONSENT OF INSTRUCTOR. \*MAY BE REPEATED. \*1/2 UNIT 69330 DISC 3-430 TU 143 P B RAVENHALL PHYCS 480 QUANTUM MECHANICS, I. PREREQUISITE: SENIOR LEVEL ATOMIC PHYSICS AND QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR. 1 UNIT 69347 LECT 11 M W F 144 P B JONES, TREFIL PHYCS 481 QUANTUM MECHANICS, II. PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR.

1-220

1 UNIT 69354 LECT

TU TH

147 P B

WYLD

PHYCS 483 3 GENERAL FIELD THEORY.
PREREQUISITE: PHYCS. 481 OR CONSENT OF INSTRUCTOR. 1 UNIT

LECT 9 M W F 136 P B 69361

9 SOLID STATE PHYSICS, I. PREREQUISITE: PHYCS, 360, 362, 381, 480, OR CONSENT OF INSTRUCTOR. PHYCS 489

1 UNIT 69379 LECT 830-10 TU TH 136 P B FL YNN

O SOLID STATE PHYSICS, II.

PREREQUISITE: PHYCS. 489 OR CONSENT OF INSTRUCTOR.

1 UNIT

830-10 TU TH 158 P B 69386 LECT

PHYCS 497 INCIVIDUAL STUDY .

1/2 OR 1 UNIT 1/2 OR 1 UNIT 69393 CONF A ARR CONF B ARR STAFF STAFF

PHYCS 498 SEMINAF.

1/2 OR 1 UNIT \*LECT S: NEUTRON STARS (1 UNIT).

\*LECT. T: ELECTROMAGNETIC INTERACTIONS IN NUCLEI AT INTERMEDIATE

ENERGIES. 1 UNIT. \*LECT. U: SUBJECT TO BE ANNOUNCED. 1 UNIT.

69411 LECT \*S 1-230 M W 69429 LECT \*T 1-220 M W 69436 LECF \*U 10-1120 TU TH 158 P B 136 P B 143 P B RAVENHALI

THESIS RESEARCH. O TO 4 UNITS

69443 CONF APP

### PHYSIOLOGY

### DEPARTMENT OFFICE

524 BUR HALL

CHANG

KLEIN

MAJOR: THE MAJOR CONSISTS OF TWENTY HOURS IN ANIMAL PHYSIOLOGY OR CLOSELY RELATED SUBJECTS LISTED IN THE LAST THO SENTENCES BELOW, NOT INCLUDING ELEMENTARY COURSES, AND INCLUDING PHYSL. 301 AND PHYSL. 302. THE STUDENT'S PROGRAM MUST INCLUDE A YEAR OF GENERAL BIOLOGY, INCLUDING BOTH ANIMAL AND PLANT CALCULUS, A SEMESTER OF GENETICS, MATHEMATICS THROUGH ELEMENTARY CALCULUS, TWO SEMESTERS OF PHYSICS, AND FOUR SEMESTERS OF CHEMISTRY INCLUDING GENERAL, INDROGNIC, ORGANIC AND QUANTITATIVE CHEMISTRY. MICLOBIOLOGY, EMBRYOLOGY, HISTOLOGY, PHYSICAL CHEMISTRY AND BIOCHEMISTRY ARE RECOMMENDED STRONGLY. WITH THE APPROVAL OF THE ADVISER, UPPER DIVISION COURSES IN GENETICS, BIOCHEMISTRY, BIOPHYSICS, AND PLANT PHYSIOLOGY MAY BE COUNTED TOWARD THE MAJOR. TOWARD THE MAJOR.

MINOR: TWENTY HOURS MAY BE CHOSEN FROM PHYSICS, CHEMISTRY, MICROBIOLOGY OR ZOOLOGY, PROVIDED AT LEAST 8 SEMESTER HOURS ARE OFFERED IN THE LESSER, IF TWO MINORS ARE CHOSEN.

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST ENROLL IN PHYSIOLOGY 290 READING COURSE, WORK WITH AN ADVISER FOR AT LEAST TWO SEMESTERS, AND TAKE A GENERAL EXAMINATION IN THE LAST SEMESTER OF THE SENIOR YEAR.

### COURSES FOR UNDERGRADUATES

PHYSL 103 INTRODUCTION TO HUMAN PHYSIOLOGY.

PREREQUISITE: CHEM. 100 OR EQUIVALENT. A FAMILIARITY WITH
THE PRINCIPLES OF BIOLOGY IS RECOMMENDED.

4 HOURS

STUDENTS IN LAB-DISC SECTIONS OF THE A OR B SERIES MAY REGISTER IN ANY LECTURE. 69451 LECT A 228 NHB TU TH 69468 LECT В 10 228 NHB 8-10 LAB-DISC Α м 69475 1 310 HH 1 A 8-10 304 H H 1 8 8-10 69482 LAB-DISC 312 н н 1 8 8-10 304A Н Н 69490 LAB-DISC 2 A 10-12 М 310 Н Н 10-12 2 A 304 Н Н 69501 LAB-DISC В 10-12 М 312 н 2 B 10-12 304A Н В 69518 LAB-DISC 3 A 1-3 м 310 Н Н 3 A 1-3 304 н Н 69525 LAB-DISC 3 B 1-3 м 312 Н 8 1 - 3304A Н 69532 LAB-DISC Α 3-5 M 310 4 Α 3-5 304 69540 LAR-DISC В 3-5 312 304A В 3-5 Н Н 69557 LAB-DISC 5 A 8-10 TU 310 Α 8-10 304 Н Н 69564 LAB-DISC В 8-10 TU 312 Н В 5 B 8-10 TH 304A H 69571 LAB-DISC 10-12 310 6 A TU Н 6 A 10-12 TH 304 H H 69589 I AR-DISC R 10-12 312 6 H H 10-12 TH 3044 H H 6 B 69596 LAB-DISC Δ 1-3 310 H н 1-3 TH Α H H 304 69607 LAB-DISC В 1-3 TU 312 H H 7 B 1-3 TH 304A H н TU 69614 LAB-DISC 8 4 3-5 310 Н н 8 A 3-5 TH 304 н н 69621 LAB-DISC 9 A 8-10 310 н Н 9 A 8-10 E 304 Н 69639 LAB-DISC 9 8 8-10 312 9 B 8-10 F 304A 69646 LAB-DISC 10A 10-12 310 Н н 10A 10-12 F 304 н 69653 LAB-DISC 108 312 10-12 108 10-12 F 304A 69661 LAB-DISC 11A 1-3 310 114 1-3 F 304 Н 69678 LAB-DISC 118 1-3 312 W 118 1-3 304A 69685 LAB-DISC 12A 3-5 W 310 Н 12A 3-5 304 69692 LAB-DISC 128 3-5 W 312 3-5 128 304A H 69703 LAB-DISC 13A 8-10 ТН 310 Н TU 13A 8-10 304 H H 69711 LAB-DISC 138 8-10 TH 312 Н Н 138 8-10 THE 304 A H Н 69728 I AR-DISC 14A 10-12 TH 310 н н 10-12 304 144 TU HH 69735 LAB-DISC 148 10-12 TH 312 H H 10-12 TU 14B 304A H н 69742 LAB-DISC 15A 1 - 3TH 310 Н 1-3 154 TU 304 н Н 69750 LAB-DISC 15B 1-3 TH 312 н н 1-3 15B ŦU 304A Н Н 3-5 69767 LAB-DISC 16A 310 16A 3-5 TU 304 Н Н 69774 LAB-DISC 17A 8-10 c 310 17A 8-10 М 304 69781 LAB-DISC 178 8-10 F 312 17B 8-10 304A 18A 10-12 310 69799 LAB-DISC F 10-12 18A 304 Н

TAYLOR, WILLIS

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312 H H

304A

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LAB-DISC

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69817
                  LAB-DISC
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1-3
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                                                           310 H H
                              194
                                                           304 H H
                  LAB-DISC
                                       1-3
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       69824
                              19B
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                              19B
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                                       3-5
       69831
                  LAB-DISC
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       69849
                 LAB-DISC
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                                                                H H
                              20B
                                       3-5
                                                           304A H H
                         COURSES FOR ADVANCED UNDERGRADUATES
              HUMAN ANATOMY AND PHYSIOLOGY.
PHYSL 234
        PREREQUISITE: ZOOL. 104 AND PHYSL. 103, OR CONSENT OF INSTRUCTOR.
         5 HOURS
         *LABS F1 AND F2 ARE FOR OCCUPATIONAL THERAPY STUDENTS ONLY.
                                              TU TH

M W F

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M W F

M W F
       69856
                  LECT
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413 BUR HALL
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8-10
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                  LAB
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8-11 TU TH
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1-4 TU TH
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69938
69945
                                                           413
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                                                           422 BUR HALL
                            *F2
            READING COURSE.
PHYSL 290
         PREREQUISITE: A COURSE IN PHYSIOLOGY, CONSENT OF INSTRUCTOR.
         2 TO 4 HOURS
         NOTE: THIS COURSE IS NOT LIMITED TO HONORS STUDENTS.
               CONF
                                                                           STAFF
       69952
                                   ARR
             DISCUSSIONS IN GENERAL PHYSIOLOGY.
PHYSL 291
        PREREQUISITE: PHYSL. 301 OR CONCURRENT REGISTRATION, AND CONSENT
         OF INSTRUCTOR.
         2 HOURS
         TOPIC: CELL MEMBRANES.
       69960
                  DISC
                                       3-5
                                                TU
                                                           231 N H B
                                                                               WILLIS
                     COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
         I GENERAL PHYSIOLOGY.
PREREQUISITE: BIOL. 111 OR BIOL. 251, OR EQUIVALENT, AND ONE
YEAR EACH OF COLLEGE-LEVEL MATHEMATICS AND PHYSICS, AND CHEMISTRY
PHYSL 301
         THROUGH ORGANIC.
         3 HOURS OR 3/4 UNIT
               LECT
                                             M W F 124 BUR HALL
       69977
                                     10
                                                                               STAFF
              GENERAL PHYSIOLOGY LABORATORY.
        PREREQUISITE: PHYSL. 301 OR CURRENT REGISTRATION.
         2 HOURS OR 1/4 UNIT
       69984
                  LAB
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                                                            523 BUR HALL
                                                                               WILLIS
AND OTHERS
       69991
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                  LAB
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                                                           523 BUR HALL
                                       8-12
PHYSL 305 PRINCIPLES OF ERGONOMICS.
              SAME AS I. E. 305.
         PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
         4 HOURS OR 1 UNIT
                             F 2
       70054
                 LECT
                                            MTUWTH
                                                          253 M F B
                                                                                HERT IG.
                                                                                JOHNSON
                                                                                AND OTHERS
             GENERAL RADIOBIOLOGY.
         PREREQUISITE: ONE YEAR EACH OF MATHEMATICS, PHYSICS, CHEMISTRY AND
         BIOLOGY .
         4 HOURS OR 1 UNIT
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                LECT
                                                  W F 136 BUR HALL
TH 422 BUR HALL
       70061
                                    730PM
                  DISC
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PHYSL 103 CONTINUED

PHYSL 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., ANTH., H. ED., PSYCH., SOC., V.M.S. AND ZOOL. 369. PREREQUISITE: ONE YEAR OF BIOLOGY, AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OP SOCIOLOGY. \*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 CR 5 HOURS. \*3 OR 5 HOURS, OR 1/2 OR 1 UNIT LECT-DISC TODD & OTHERS COURSES FOR GRADUATES PHYSIOLOGY OF SYSTEMS AND ORGANS. PHYSL 401 PREREQUISITE: GNE YEAR OF COLLEGE-LEVEL PHYSICS, CHEMISTRY THROUGH OPGANIC, UPPER DIVISION COURSE IN PHYSIOLOGY, KNOWLEDGE OF CALCULUS PRESUMED. 1 UNIT 70086 LECT-DISC 1.1 MTUWTH 136 BUR HALL CELLULAP AND MOLECULAR PHYSIOLOGY.

PREREQUISITE: CNE YEAR OF COLLEGE-LEVEL PHYSICS, CHEMISTRY
INCLUDING PHYSICAL AND BIOCHEMISTRY, UPPER DIVISION COURSE IN
PHYSIOLOGY, KNOWLEDGE OF CALCULUS PRESUMED. PHYSI 403 1 UNIT 70093 LECT-DISC TUWTHE 140 BUR HALL STAFF MAMMALIAN PHYSIOLOGY SEMINAR. PHYSL 410 PREREQUISITE: PHYSL. 401 AND 402 OR EQUIVALENT, CONSENT OF INSTRUCTOR. 1/2 UNIT TOPIC: LYMPHATIC DRAINAGE FROM GASTROINTESTINAL TRACT. 501 BUR HALL 70104 PHYSI 412 ADVANCED ENDOCRINOLOGY. SAME AS AN. S., D. S., AND ZOOL. 412.
PREREQUISITE: PHYSL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.
#STUDENTS MAY ACCUMULATE 2 UNITS. #1/2 UNIT TOPIC: TO BE ANNOUNCED. 70111 DISC 73C-PM M 140 BUR HALL GORSKI . NALBANDOV, FOSTER AND JACKSON EXPERIMENTAL MAMMALIAN PHYSIOLOGY, I. PHYSL 413 PREREQUISITE: PHYSL. 401 AND 402 OR EQUIVALENT, CONSENT OF INSTRUCTOR. 1 UNIT 70129 1-5 TU TH 542 BUR HALL STEGGERDA 10 501 BUR HALL GROSS HUMAN ANATOMY. PREREQUISITE: QNE SEMESTER OF EMBRYOLOGY, CONSENT OF INSTRUCTOR. 1 UNIT 70136 422 BUR HALL STOL PE WL LAB-DISC 2-4 422 BUR HALL PHYSL 441 ADVANCED COMPARATIVE PHYSIOLOGY.

SAME AS ZOOL. 441.

PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT
TOPIC: PHYSIOLOGICAL ADAPTATION.
70143 DISC 7-9PM W 422 BUR HALL PROSSER

PHYSL 442 ADVANCED COMPARATIVE PHYSIOLOGY LABORATORY.

SAME AS ZOOL. 442.

PREREQUISITE: PHYSL. 402, 403, 404; CREDIT OR REGISTRATION IN
PHYSL. 401 ZOOL. 441.

542 BUR HALL

PROSSER

1 UNIT 70151

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HUMAN PATHOLOGIC PHYSIOLOGY. PHYS1 470 PREREQUISITE: TWO SEMESTERS OF ADVANCED PHYSIOLOGY AND ONE SEMESTER OF BIOCHEMISTRY, CONSENT OF INSTRUCTOR. 3/4 UNIT

70168 LECT-DISC M W F 136 BUR HALL

JOHNSON 43 TEIGLER

ERGONOMICS SEMINAR. PHYSL 473 SAME AS. I. E. 473.

PREREQUISITE: GRADUATE STANDING; I. E./PHYSL. 306; OR CONSENT OF INSTRUCTOR.

1/2 UNIT

TOPIC: PROBLEMS OF THE AGING WORKER.

70175 DISC TH 136 BUR HALL HERTIG

PHYSL 491

1 INDIVIDUAL TOPICS.
PREREQUISITE: APPPOVAL OF DEPARTMENT.

1/2 TO 2 UNITS \*SECTION 8 OPEN ONLY TO STUDENTS WHO HAVE DUPLICATE

REGISTRATION IN COURSE.

70182 ADD STAFF 70190 CONF ≠B ARR

PHYSL 499 THESIS RESEARCH.

PREREQUISITE: CONSENT OF INSTRUCTOR.

O TO 4 UNITS \*NOTE--SECTION B OPEN ONLY TO THOSE WHO HAVE A CONFLICT

WITH SECTION A. 70201 CONF А 140 BUR HALL STAFF 70218 CONF \*B ARR

PLANT PATHOLOGY

DEPARTMENT OFFICE

218 M H

COURSES FOR ADVANCED UNDERGRADUATES

4 INTRODUCTORY PLANT PATHOLOGY.
PREREQUISITE: BOT. 100 OR EQUIVALENT. PL PA 204

3 HOURS

70225 LAB-DISC

10-12 TU TH W121 T H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SPECIAL PROBLEMS.

PREREQUISITE: FOR UNDERGRADUATES MINIMUM GRADE POINT AVERAGE 3.5, NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF THE INSTRUCTOR AND HEAD OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE.
\*MAXIMUM CREDIT EIGHT HOURS OR TWO UNITS.
\*1 TO 4 HOURS, OR 1/4 TO 1 UNIT

BEVER, BLACK, CARTER EDWARDS . FORSBERG . CHAMBERLAIN, GERDEMANN, GRAY GOTTLIEB, HARTSTIRN, HOOKER, JEDLINSKI, LINN, MALEK, PAXTON, POWELL, SCHOENEWEISS, SHAW, SHURTLEFF,

SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING WINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

70232 CONF CONF #£B 70240

RESEARCH METHODS IN PLANT PATHOLOGY.
PREREQUISITE: PL. PA. 204 OR EQUIVALENT, SENIOR STANDING.
3 HOURS OR 3/4 UNIT

ARR

ARR

70257 LAB-DISC 1-4 414 A S L PAXTON

### COURSES FOR GRADUATES

PL PA 404

4 PLANT VIROLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT

70264 LECT LAB

8-10 ARR

TU

W223 T H

THORNBERRY

PL PA 406 GENETICS OF PLANT-PATHOGEN INTERACTIONS.

PREREQUISITE: PL. PA. 204 OR EQUIVALENT, AND BOT. 210 OR AGRON. 323 OR HORT. 323, OR CONSENT OF INSTRUCTOR.

1 UNIT

70271 LAB-DISC 8-10 TU TH

W121 T H

HOOKER

DISCUSSIONS IN PLANT PATHOLOGY.

1/4 UNIT

DISC 70289

W115 T H

STAFF

PI PA 499

THESIS RESEARCH.
PREREQUISITE: PL. PA. 302 OR EQUIVALENT.

O TO 4 UNITS

BEVER, BLACK, CARTER CHAMBERLAIN, GERDEMANN GOTTLIEB, HOOKER, JEDLINSKI, LINN, MALEK, PAXTON, POWELL, SHAW, SHURTLEFF, SINCLAIR, TAYLOR, THORNBERRY.

70296

CONF

ARR

POLISH

SLAVIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 260 L H

\*12

COURSES FOR ADVANCED UNDERGRADUATES

POL SECOND-YEAR POLISH. 203

PREREQUISITE: POL. 202.

4 HOURS

\*ADDITIONAL HOUR TO BE ARRANGED.

LECT-DISC X 70307

M W F 9 G H H ZALUCKY

DEPARTMENT OFFICE

326 L H

MAJOR: TWENTY HOURS FROM COURSES OFFERED BY THE DEPARTMENT OF POLITICAL SCIENCE. A MAJOR MAY INCLUDE THREE SEMESTER HOURS FROM THE FOLLOWING COURSES: ECONOMICS 170, 171 (STATISTICS), ECONOMICS 214 (PUBLIC FINANCE), HISTORY 345, 346, 369, 370 (CONSTITUTIONAL HISTORY), MATHEMATICS 161 (STATISTICS), PSYCHOLOGY 135 (STATISTICS), AND SOCIOLOGY 185 (STATISTICS). A MAXIMUM HOURS OF 100-LEVEL COURSES MAY BE OFFERED AS PART OF THE POLITICAL SCIENCE MAJOR. A MAXIMUM OF EIGHT

MINOR: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, EDUCATION, FINANCE, GEOGRAPHY, HISTORY, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY, AND SPEECH. ONE OF THE CURRICULA IN LATIN-AMERICA STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR.

STUDENTS ENTERING THE UNIVERSITY AFTER SEPTEMBER 1, 1963, MAY NOT OFFER MORE THAN EIGHT HOURS OF 100-LEVEL COURSES AS PART OF A MFNOR, EXCEPT THAT MATH. 123 OR HIGHER-NUMBERED MATHEMATICS COURSES ARE NOT COUNTED IN THIS LIMITATION.

POLITICAL SCIENCE 150 AND 151 GIVE A GENERAL SURVEY OF NATIONAL, STATE AND LOCAL GOVERNMENT IN THE UNITED STATES. POLITICAL SCIENCE 191 PRESENTS A SURVEY OF THE BASIC CONCEPTS AND METHODS OF POLITICAL SCIENCE AND OF SIGNIFICANT CURRENT GOVERNMENTAL AND POLITICAL PROBLEMS AND POLICIES. UNDERGRADUATES BEGINNING THE STUDY OF POLITICAL SCIENCE ARE ADVISED TO TAKE, FIRST, EITHER POL. S. 150 OR 191. STUDENTS PLANNING TO DO ADVANCED WORK SHOULD, DURING THE SOPHOMORE YEAR, TAKE EITHER 150 OR 191 AND FOLLOW IT WITH SUCH OTHER COURSES AS COMPLETE ONE OF THE FOLLOWING COMBINATIONS: 150 AND 151, 150 AND 184 OR 184 AND 191.

### COURSES FOR UNDERGRADUATES

GOVERNMENT IN ILLINOIS. POL S 110

PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR. \*CREDIT IS NOT GIVEN FOR BOTH POL. S. 110 AND 312. \*2 HOURS

70314 LECT-DISC

2 M W 310 L H SNIDER

AMERICAN GOVERNMENT: ORGANIZATION AND POWERS.

PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH OBESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR. CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191.

3 HOURS

\*THESE SECTIONS WILL BE TAUGHT BY EXPERIENCED GRADUATE TEACHING ASSISTANTS AND WILL BE LIMITED TO 30 STUDENTS EACH WITHOUT EXCEPTION.

SECTION G WILL ONLY MEET 3 HOURS PER WEEK AS ALL 150 SECTIONS DO. HOWEVER, IN ORDER TO STAISFY SCHEDULING IDIOSYNGRACIES, STINGBURS MIST BE EDER EDIN 2-5 M

STUDENTS	MU 5 1	BF FKFF	FRUM	3-5 M	W F.			
70321	LECT	M		3	M	W	LHI	HEATRE
70339	DISC	H	1	3		F	192	L H
70346	DISC	19	2	3		F	315	GH
70353	DISC	M	3	3		F	138	ADMIN
70361	DISC	M	4	3		F	310	LH
70378	DISC	M	5	3		F	102	L H
70385	DISC	M	6	3		F	118	L H
70392	DISC	M	7	1		TH	102	L H
70403	DISC	M	8	1		TH	118	L H
70411	DISC	M	9	1		TH	176	L H
70428	DISC	M.	10	1		TH	1	G H
70435	DISC	M:	11	2		TH	116	L H
70442	DISC	M.	12	2		TH	130	L H
70450	DISC	M:	13	2		TH	184	L H
70467	DISC	M)	14	2		TH	302	L H

MONYPENNY

POL	S	150 CONTI 70474 70481 70499 70500 70517	NUED DISC DISC DISC DISC DISC	M15 M16 M17 M18 M19	3 3 3 1	TH TH TH TH	102 130	ADMIN L H L H L H	
		70524 70531 70549 70556 70563 70571	DISC DISC DISC DISC DISC LECT-DISC	M20 M21 M22 M23 M24	1 2 2 2	F F F F F F M W F F M W F	315 240 329	ADMIN G H L H G H ADMIN ARMORY	
		70588 70595 70606	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	*P *Q	8 3-5 3-430 12 12 12 3-430	M W F TU TH M W F M W F TU TH	ARR	E E B L H ARMORY G H	GOLD
POL	S	184 INT 4 HOURS	ERNAT IONAL	RELATION	S •				
		70645 70652 70660 70677	LECT-DISC LECT-DISC LECT-DISC LECT-DISC	B C	10-12 1-3 1-3 3-5	TU TH TU TH TU TH TU TH	112 329	ARCH G H ARMORY G H	CARROLL I VERSEN
POL	s	PREREQUI DESIGNAT	NCIPLES OF SITE: SOPHO ION AS JAME	POLITICA DMORE STA ES SCHOLA	NDING, OR R, OR CON	FRESHMAN SISENT OF INS	TANDII	NG WITH OR.	
		*4 HOURS 70684	LECT-DISC	К	3-410	M W F		G H L H	FIELDS
		70734 70691 70702	LECT-DISC LECT-DISC LECT-DISC	A B	3-5 8-10 10-12	M W TU TH TU TH		ARMORY ARMORY	DOUGLAS
		70710	LECT-DISC LECT-DISC	C	3-5 8-10	TU TH TU TH	329	ARMORY G H	
POL	S	199 UND *MAY BE *0 TO 9	REPEATED.						
		70741 70759	CONF	M C	10-12	TU TU		G H ADMIN	MEEHAN CARROLL
			COL	JRSES FOR	ADVANCED	UNDERGRADU	JATES		
POL	S	PREREQUI SCIENCE,	IOR SEMINAR SITE: SENIO AND EITHER TY AVERAGE	OR STANDI R DESIGNA	TION AS J	AST SIX HOL AMES SCHOLA	IRS OF AR OR	POLITICAL A GENERAL	
			LECT-DISC		10-12	ТН	315	G H	
POL	S	AND WHO 2 TO 5 H	SITE: OPEN HAVE A GENE	ONLY TO ERAL UNIV	SENIORS W	HOSE MAJOR ERAGE OF A1	IS PO	LITICAL SCIENCE T 4.0.	
POL	s	*MAY BE *1 TO 4	SITE: CONST REPEATED. HOURS	ENT OF IN	STRUCTOR.	IENCE.			
		70781	CONF	A	RR				
			COURSES	FOR ADV	ANCED UND	ER GR ADUATES	AND	GR A DUA TES	
POL	S	3 HOURS, *SECTION OTHER ST	ICIPAL GOVI OR 1/2 OR S F1 AND G1 UDENTS MUS1	1 UNIT L ARE FOR L ENROLL	POLITICA IN SECTIO	L SCIENCE P	MAJORS	ONLY. ALL	
		70798 70809	LECT-DISC	*F1 *F2	2	MWF	150	V M V M	LONG
		70816	LECT-DISC	*G1	2-330 2-330	TU TH TU TH	319 319	G H G H	MERANTO

POL	S	*CREDIT *3 HOURS *SECTION	SITE: POL. IS NOT GIVE , OR 1/2 OF	S. 150 OR EN FOR BOT R 1 UNIT POLITICAL LL IN SECT	H POL. S SCIENCE TON A2.	. 110 AND 3 MAJORS ONL M W F M W F	12. Y. ALL OTHER 310 L H 310 L H	SNIDE	R
POL	S	PREREQUI 3 HOURS, *SECTION	RICAN POLI SITE: POL. OR 1/2 DR A1 IS FOR MUST ENROU LECT-DISC LECT-DISC	S. 150 OR 1 UNIT POLITICAL L IN SECT	SCIENCE	CONSENT OF MAJORS ONL TU TH TU TH	INSTRUCTOR.  Y. ALL OTHER  120 ARCH 120 ARCH	GOLD	
POL	S	PREREQUI 3 HOURS, *SECTION	SITE: POL. OR 1/2 OR	S. 150 OR 1 UNIT POLITICAL L IN SECT	SCIENCE ION A2.	MAJORS ONL	PEHAVIOR.  Y. ALL OTHER  192 L H 192 L H	J OHN S	10.
POL	S	329 ELE PREREQUI 3 HOURS, 70905 70912	CTORAL BEHA SITE: SIX A OR 1/2 OR LECT-DISC LECT-DISC	1 UNIT	OLITICAL 2 2	SCIENCE.  M W F M W F	15 0 K H 15 0 K H		
PCL	S	3 HOURS, *SECTION	ERNMENT ANI OR 1/2 OR A1 IS FOR MUST ENROL LECT-DISC LECT-DISC	1 UNIT POLITICAL L IN SECT	SCIENCE ION A2.	SOVIET UNIO MAJORS GNL TU TH TU TH	N. Y. ALL OTHER 192 L H 192 L H	MILLE	R
POL	S	3 HOURS,	OR 1/2 OR	1 UNIT POLITICAL	SCIENCE		ENTAL EUROPE. Y. ALL OTHER 192 L H 192 L H	LEWIS	
POL	S	PREREQUI 3 HOURS, ⇒SECTION	ERNMENT AND SITE: SIX H OR 1/2 OR A1 IS FOR MUST ENROL LECT-DISC LECT-DISC	HOURS OF P 1 UNIT POLITICAL L IN SECT	SCIENCE ION A2.	SCIENCE.	Y. ALL OTHER 310 L H 310 L H	YU	
POL	S	PREREQUI: 3 HOURS, *SECTION	ERNMENT AND SITE: SIX H OR 1/2 OR A1 IS FOR MUST ENROL LECT-DISC	HOURS OF PR 1 UNIT POLITICAL L IN SECT	SCIENCE ION A2.	SCIENCE.	Y. ALL OTHER 202 H H 202 H H	BYARS	
POL	S	PREREQUI 3 HOURS,	SITE: POL. OR 1/2 OR	S. 150 OR 1 UNIT POLITICAL L IN SECT *A1	SCIENCE ION A2.	MAJORS ONL' M W F M W F	Y. ALL OTHER 138 ADMIN 138 ADMIN	FIELDS	S
POL	5	3 HOURS, *SECTION STUDENTS	ORY AND PRA OR 1/2 OR A1 IS FOR MUST ENROL LECT-DISC LECT-DISC	1 UNIT POLITICAL L IN SECT	SCIENCE ION AZ.	MAJORS ONLY	Y. ALL OTHER  138 ADMIN 138 ADMIN	MILLER	2
		1000							

GOVERNMENTS AND POLITICS OF SOUTHEAST ASIA. POL S 347 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER \*SECTION AT IS FUR PULLTICAL SOLLARS
STUDENTS MUST ENROLL IN SECTION A2. DRUGLAS PDL S 348 GOVERNMENT AND POLITICS OF JAPAN. PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.

3 HOURS, OR 1/2 OR 1 UNIT
71050 LECT-DISC \*A1 ARR
71067 LECT-DISC \*A2 ARR GOVERNMENTS AND POLITICS OF SOUTH ASIA. POL S 349 PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT COHEN 71074 COHEN D LAW AND SOCIETY.

PREREQUISITE: JUNIOR STANDING.

3 HOURS, OR 1/2 OR 1 UNIT

\*\*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER

\*\*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER

\*\*TOTALS MUST ENROLL IN SECTION A2. POL S 350 STUDENTS MUST ENROLL IN SECTION A2.
71099 LECT-DISC \*A1 3-430 TU TH 192 L H
711100 LECT-DISC \*A2 3-430 TU TH 192 L H NAGEL AMERICAN CONSTITUTIONAL SYSTEM. PREREQUISITE: POL. S. 150 OR 191. 3 HOURS, OR 1/2 OR 1 UNIT 3 HOURS, OR 1/2
\*SECTION A1 IS FOR POLITICAL SCIENCE
\*SECTION A1 IS FOR POLITICAL SCIENCE
\*STUDENTS MUST ERROLL IN SECTION A2.

LECT-DISC \*A1 2 M W F 192 L H
2 M W F 192 L H \*SECTION AL IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER CARMEN POL S 353 LAW AND POLITICS OF POVERTY.

PREREQUISITE: POL. S. 150 OR 191.

3 HOURS, OR 1/2 OR 1 UNIT

\*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
71131 LECT-DISC \*A1 9-1030 TU TH 192 L H
71149 LECT-DISC \*A2 9-1030 TU TH 192 L H NAGEL POL S 359 JURISPRUDENCE. PREREQUISITE: POL. S. 150 OR 191. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION AT IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENPOLL IN SECTION A2. M W F 310 L H MANNER M W F 310 L H 71156 LECT-DISC \*A1 9
71163 LECT-DISC \*A2 9 INTRODUCTION TO PUBLIC ADMINISTRATION. POL S 361 PREREQUISITE: POL. S. 150 OR 191. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION AL IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
71171 LECT-DISC \*A1 8 M W F 310 L H
71188 LECT-DISC \*A2 8 M W F 310 L H PAGE POL S 380 COMPARATIVE FOREIGN POLICIES. PREREQUISITE: POL. S. 184 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION AL IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENT'S MUST ENROLL IN SECTION A2.
71195 LECT-01SC \*A1 1-230 TU TH 349 ARMORY
71206 LECT-0ISC \*A2 1-230 TU TH 349 ARMORY

POL	S	PREREQUI	RICAN FOREI	HOURS OF PO	ONS. OLITICAL	SCIENCE.			
		*SECTION	OR 1/2 OR Al IS FOR	POLITICAL	. SCIENCE	MAJORS ONL	Y. AL	L OTHER	
			LECT-DISC	*41	1	TU			GLAD
		71221	LECT-DISC	#A1	1-3	TH TU	138	ADMIN ADMIN	GL AD
		11221	£501-0130		1-3	TH			
POL	S	384 INT	ERNATIONAL	RELATIONS	•				
		PREREQUI	SITE: JUNIO	OR STANDING	IG .				
		3 HOURS, 71238	LECT-DISC	1 UNIT *A1 1 *A2	10	M W F	159	АН	
		71245	LECT-DISC	*A2	10	M W F	159		1
POL	s		ERNATIONAL						
			SITE: SENIO		G, DR JUN	NIOR STANDIN	NG WI	TH SIX HOURS OF	
		3 HOURS,	OR 1/2 OR	1 UNIT					
						MAJORS ONL'	Y. AL	L OTHER	
		71252	LECT-DISC	*A1	1UN AZ.	M W F	310	LH	MANNER
		71260	LECT-DISC	*A2	11	M W F	310	L H	
POL	S	388 THE	MILITARY A	AND POLITI	cs.				
		PR ER EQUI:	SITE: POL.	S. 184 DR	192, OR	CONSENT OF	INST	RUCTOR.	
		*SECTION	OR 1/2 OR A1 IS FOR	POLITICAL	SCIENCE	MAJORS ONLY	Y. AL	OTHER	
		STUDENTS	MUST ENROL	LL IN SECTI	ION A2.				
		71277	LECT-DISC	*A1	3-5	TU		6 11	COHEN
		71284	LECT-DISC	*A1	3-5	TU	310	L H	COREN
				*A2	3	TH		LH	
POL	S		SSICAL POLI		ORY.				
			OR 1/2 OR A1 IS FOR		SCIENCE	MAJORS ONL'	V. AL	OTHER	
		STUDENTS	MUST ENROL	LL IN SECT	ION A2 .				
		71291	LECT-DISC	*A1	11	M W F	138 138		DAVIS
		11502	LEC1-0130	*AZ	11	Pt se r	130	AUMIN	
				COUR	SES FOR	GRADUATES			
POL	S	401 HIST	TORY OF POL	LITICAL THE	EORIES.				
		*SECTION	A1 IS FOR	POLITICAL	SCIENCE	MAJORS ONLY	Y. AL	L OTHER	
			MUST ENROL		ION A2. 3-5	W	398	1 11	DAVIS
		71310	LECT-DISC	*A1	3-5	W	398		UAVIS
POL	S	412 PROE	BLEMS IN ST	TATE GOVER	NMENT.				
		1 UNIT 71334	LECT-DISC	7	30-930PM	TII	398	4 14	GOVE,PISCION
		11554	LECT-D130		30-9307	10	370	L H	GUAFAL 2010
0.01		880	SEMINAR IN		TO TTICE				
PUL	2	1 UNIT							
		#SECT TON	A1 IS FOR	POLITICAL	SCIENCE	MAJORS ONLY	Y. ALI	L OTHER	
		STUDENTS 71341	MUST ENROL	LL IN SECTI	ION A2.	F	398	LH	LONG
		71359			10-12	F	398		LUNG
POL	S	425 PERS	SONALITY AN	ND POLITIC	AL PROCES	ss.			
		PREREQUI:	SITE: CONSE	ENT OF INST	FRUCTOR.				
		1 UNIT 71366	LECT-DISC	7	30-930PM	м	398	, ц	COOMBS
		11500	LEGI- DISC		30-750	m	370	L	COUNDS
0.01	-	430 PROS	CALLAD IN	COMPADATI	DOL IT				
PUL	2	I UNIT	SEMINAP IN						
			LECT-DISC		3-5	F	398	LH	BYARS

POL S 440 COMPARATIVE POLITICS AND THE POLITICAL PROCESS. \*STUDENTS MAY ACCUMULATE THREE UNITS. \*STUDEN ... \*1 UNIT LECT-DISC 398 L H LEWIS 71381 PREREQUISITE: POL. S. 430 OR CONSENT OF INSTRUCTOR. POL S 441 1 UNIT 10-12 W 398 L H 71398 SCOTT PROBLEMS OF LATIN AMERICAN POLITICS AND GOVERNMENT. PREREQUISITE: POL. S. 430 OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE 2 UNITS. \*1 UNIT LECT-DISC TH 398 L H SCOTT CONSTITUTIONAL LAW.
PREREQUISITE: POL. S. 351 OR EQUIVALENT. POL 5 451 1 UNIT 71416 LECT-DISC 730-930PM TH 398 L H CARMEN POL S 465 PROBLEMS IN ADMINISTRATIVE MANAGEMENT.
PREREQUISITE: POL. S. 361 OR CONSENT OF INSTRUCTOR. 1 UNIT PAGE 71,423 LECT-DISC 10-12 398 L H POL S 466 CO CURRENT ADMINISTRATIVE THEORY. \*SECTION AL IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

71431 LECT-DISC \*A1 1-3 TU

\*A2 1-3 TU 398 L H 398 L H THOMPSON POL S 477 INTERNATIONAL COMMUNICATIONS.
SAME AS COMM. 477. 1 UNIT 71455 LECT-DISC 1-3 W 398 L H MERRIT SCHILLER DSGDOD POL S 484 INTERNATIONAL RELATIONS.

1 UNIT I UNIT
71462 LECT-DISC G 3-5 TU 398 L H GLAD
71470 LECT-DISC M 1-3 TH 398 L H MERRITT POL S 490 PR 1 UNIT PROSEMINAR IN POLITCAL BEHAVIOR, 1. LECT-DISC 730-930PM W 398 L H HOBBS POL S 492 PROBLEMS OF EXPLANATION IN SOCIAL SCIENCE. 1 UNIT LECT-DISC 3-5 TH 398 L H MEEHAN 71494 POL S 493 RESEARCH 1/2 TO 3 UNITS CONF RESEARCH IN SELECTED TOPICS. ARR POL S 495 SCOPE AND METHODS OF POLITICAL SCIENCE. 1 UNIT 1-230 TU TH 310 L H 71512 HORRS POLITICAL CONCEPTS-FORMULATION AND MEASUREMENT. PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT
71520 LECT-DISC 9-11 TU 398 L H JOHNSON

POL S 499 THESIS RESEARCH. 0 TO 4 UNITS 71537 CONF

ARR

MAJOR: TWENTY HOURS IN PORTUGUESE, EXCLUDING PORTUGUESE 101 AND 102, AND INCLUDING PORTUGUESE 201 AND AT LEAST SIX HOURS OF PORTUGUESE FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. EITHER LINGUISTICS 300, INTRODUCTION TO LINGUISTICS, OR LINGUISTICS 302, COMPARATIVE LINGUISTICS, MAY BE COUNTED TOWARD THE MAJOR IN PORTUGUESE.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHORPOLOGY, ENGLISH (EXCLUDING RHETORIC 101 AND 102), FRENCH, GEOGRAPHY, GERMAN, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, POLITICAL SCIENCE, RUSSIAN, SPANISH.

### COURSES FOR UNDERGRADUATES

PORT 101 ELEMENTARY PORTUGUESE, I.
\*NO CREDIT TOWARD GRADUATION IS GIVEN FOR PORT. 101 WITHOUT
PORT. 102.

\*4 HOURS
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE

LANGUAGE	L ABOR ATORY	SECTI	ONS W3-W22.				
71544	LECT-DISC	В	9	TUWTHE	217	G F	1
71551	LECT-DISC	E	1	MTUWTH	108	L F	1
71569	LAB	W 3	8-830	W	202	ŁH	1
		W 3	8-830	F	210	LF	1
71576	LAB	W 4	830-9	W	202	LH	1
		W 4	830-9	F	210	L F	ł
71583	LAB	W 5	9-930	W	202	L F	1
		W 5	9-930	F	210	LH	ł
71591	LAB	W 6	930-10	W	202	LF	1
		W 6	930-10	F	210	LF	1
71601	LAB	W 7	10-1030	W	202	LH	ł
		W 7	10-1030	F	210	LH	1
71619	LAB	W 8	1030-11	W	202	LE	1
		W 8	1030-11	F	210	LE	1
71626	LAB	W 9	11-1130	W	202	LF	1
		W 9	11-1130	F	210	LH	1
71633	LAB	W10	1130-12	W	202	LH	1
		W10	1130-12	F	210	LF	ł
71641	LAB	W11	12-1230	W	202	LH	
		W11	12-1230	F	210	Ł F	1
71658	LAB	W12	1230-1	W	202	L F	
		W12	1230-1	F	210	LH	
71665	LAB	W13	1-130	W	202	LH	
		W13	1-130	F	210	LH	
71672	LAB	W14	130-2	W	202	LH	
		W14	130-2	F	210	LF	
71680	LAB	W15	2-230	W	202	LH	
		W15	2-230	F	210	L F	
71697	LAB	W16	230-3	W	202	LH	
		W16	230-3	F	210	LF	
71708	LAB	W17	3-330	W	202	LH	
		W17	3-330	F	210	LH	
71715	LAB	W18	330-4	W	202	LF	
		W18	330-4	F	210	LH	
71722	LAB	W19	4-430	W	202	LH	
71720	1.40	W19	4-430	F	210	LF	
71730	LAB	W20	430-5	W	202	LF	
		W20	430-5	F	210	LF	
71747	LAB	W21	5-530	W	202	LH	
2125/	4.40	W21	5-530	. F	210	LH	
71754	LAB	W22	530-6	W	202	LF	
		W22	530-6	F	210	L +	1

PORT 103 INTERMEDIATE PORTUGUESE, I.

PREREQUISITE: PORT. 102 OR PORT. 111 OR TWO YEARS OF HIGH SCHOOL
PORTUGUESE.

4 HOURS 71761 LECT-DISC X 12 MTUWTH 176 L H

ELEMENTARY PORTUGUESE. PORT FOR STUDENTS WHO HAVE NO CREDIT IN PORTUGUESE. 8 HOURS ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR THE LANGUAGE LABORATORY SECTIONS W3 AND F5.

1779 LECT-DISC A 8 MTU THF 118 L H

A 9 MTUWTH 118 L H

1786 LAB W3 8 W 202 L H 118 L H 118 L H 202 L H 210 L H 71779 W 71786 LAS LAB W3 8 71793 F5 9 99 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS 71804 CONE STAFF COURSES FOR ADVANCED UNDERGRADUATES I INTERMEDIATE COMPOSITION AND CONVERSATION.
PREREQUISITE: PORT. 104 OR 112, OR CONSENT OF INSTRUCTOR. PORT 211 3 HOURS LECT-DISC 11 71811 M W F 136 ARMORY ATEX O READINGS IN PORTUGUESE.
PREREQUISITE: PORT. 104 OR 112, OR CONSENT OF INSTRUCTOR. 2 TO 4 HOURS 71829 CONF STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES I INTRODUCTION TO BRAZILIAN LITERATURE.
PREREQUISITE: PORT. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT PORT 301 M W F 431 ARMORY AIEX 71836 LECT-DISC O3 A CULTURA LUSO-BRASILEIRA ATE 1822.
PREREQUISITE: PORT. 201 OR 211, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
71843 LECT-DISC 10 M W F 136 ARMO PORT 303 71843 136 ARMORY AIEX COURSES FOR GRADUATES PORT 7 STUDIES IN BRAZILIAN LITERATURE.
PREREQUISITE: PORT. 301 OR CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC M W 176 L H 9 71851 ALLEN PORT 408 STUDIES IN PORTUGUESE LITERATURE.
PREREQUISITE: PORT. 302 OR CONSENT OF INSTRUCTOR. 1 UNIT 71868 LECT-DISC 431 ARMORY FORSTER PORT 462 INTRODUCTION TO ROMANCE LINGUISTICS.
SAME AS LING., FR., SPAN. AND ITAL. 462. 1/2 UNIT LECT-DISC 71875 TU TH 230 L H KAHANE SPECIAL TOPICS IN PORTUGUESE. PORT 491 1/2 OR 1 UNIT 71882 CONF STAFF PORT 499 THESIS F THESIS RESEARCH. 71890 CONF ALLEN, FORSTER KAHANE

MAJOR: THREE TYPES OF MAJOR PROGRAMS ARE OFFERED: THE GENERAL MAJOR, SUITABLE FOR STUDENTS INTERESTED PRIMARILY IN GENERAL LIBERAL EDUCATION; THE APPLIED PSYCHOLOGY MAJOR, DESIGNED FOR STUDENTS INTERESTED IN VOCATIONAL PREPARATION INVOLVING A MINIMUM OF GRADUATE TRAINING; AND THE GRADUATE PREPARATORY MAJOR, DESIGNED MAINLY TO PREPARE STUDENTS FOR GRADUATE TRAINING LEADING TO THE DOCTORATE IN PSYCHOLOGY.

THE GENERAL MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 135 IS REQUIRED IN THIS PROGRAM AND SHOULD BE TAKEN AS SOON AS POSSIBLE AFTER THE INTRODUCTORY COURSE. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE TWO FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, QR 294 MAY BE INCLUDED IN AREA I OR AREA II.

THE APPLIED PSYCHOLOGY MAJOR CAN SPECIALIZE IN ANY ONE OF FOUR DIFFERENT OPTIONS, NAMELY, ENGINEERING PSYCHOLOGY, PERSONNEL PSYCHOLOGY, MEASUREMENT PSYCHOLOGY, AND SCHOOL PSYCHOLOGY THE REQUIREMENTS FOR ENGINEERING PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 356, 358; 12 HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332, 390; COMPUTER SCIENCE 103; PHYSIOLOGY 305. THE REQUIREMENTS FOR PERSONNEL PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 332, 355, 390; 6 HOURS SELECTED FROM PSYCHOLOGY 201, 250, 258, 356; 6 HOURS SELECTED FROM ACCOUNTANCY 201; BUSINESS LAW 261; ECONOMICS 102, 103, 300; INDUSTRIAL ENGINEERING 287; SOCIOLOGY 305. COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR PSYCHOLOGY 204, 250, 398; COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR PSYCHOLOGICAL MEASUREMENT ARE AS FOLLOWS: PSYCHOLOGY 300, 331, 332; EITHER COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR PSYCHOLOGY 216, 250, 338; THREE HOURS SELECTED FROM PSYCHOLOGY 311, 325; EITHER COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR SCHOOL PSYCHOLOGY ARE AS FOLLOWS: FOUR OF THE FOLLOWING: PSYCHOLOGY 201, 216, 235, 250, 338, 390; EITHER PSYCHOLOGY 331, 032; PSECIAL EDUCATION 117, AND AS MANY AS POSSIBLE OF THE FOLLOWING: SPECIAL EDUCATION 316, 317, 318, 321, 322.

THE GRADUATE PREPARATORY MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 235 AND EIGHT HOURS OF WORK IN LABORATORY COURSES AT THE 300 LEVEL ARE REQUIRED IN THIS PROGRAM. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294, MAY BE INCLUDED IN EITHER AREA I OR AREA II. GRADUATE PREPARATORY MAJORS ARE ALSO URGED TO TAKE MATHEMATICS THROUGH CALCULUS, AT LEAST A FULL-YEAR LABORATORY COURSE IN ANOTHER SCIENCE, AND AT LEAST TWO YEARS OF FRENCH, GERMAN OR RUSSIAN, WITH TWO YEARS IN EACH OF TWO DESIRABLE.

MINDR: FOR THE GENERAL MAJOR, 20 HOURS IN ANY SUBJECT MATTER ACCEPTED FOR CREDIT BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES; IF TWO ARE CHOSEN THERE MUST BE A MINIMUM OF 8 HOURS IN EACH. IN ADDITION, IF FOREIGN LANGUAGE CREDIT IS OFFERED, IT MUST BE BEYOND THAT REQUIRED BY THE COLLEGE FOR GRADUATION.

FOR THE APPLIED PSYCHOLOGY MAJOR, THE MINDR MUST BE SELECTED IN ACCORDANCE WITH THE MAJOR OPTION. FOR ENGINEERING PSYCHOLOGY, A MINOR OR MINORS OF 20 HOURS SELECTED FROM MATHEMATICS, ENGINEERING, PHYSICS, AND PHYSICLOGY. FOR PERSONNEL PSYCHOLOGY, A MINOR OR SPLIT MINOR OF 20 HOURS SELECTED FROM MATHEMATICS, ANTHOPOLOGY, ECONOMICS, POLITICAL SCIENCE, AND SOCIOLOGY. FOR PSYCHOLOGICAL MEASUREMENT, A MINOR OF 20 HOURS IN MATHEMATICS WHICH INCLUDES MATHEMATICS 315. FOR SCHOOL PSYCHOLOGY, A MINOR OF 20 HOURS IN EDUCATION OR A SPLIT MINOR IN SPECIAL EDUCATION AND SOCIOLOGY, ANTHOROPOLOGY, PHILOSOPHY OR PHYSICALOGY.

FOR THE GRADUATE PREPARATORY MAJOR, 20 HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, PROVIDING THAT IF TWO ARE CHOSEN, THERE MUST BE A MINIMUM OF 8 HOURS IN EACH: ANTHROPOLOGY, ANY BIOLOGICAL SCIENCE, CHEMISTRY, ECONOMICS, EDUCATION, ENGINEERING, LINGUISTICS, MAT MATICS, PHILOSOPHY, PHYSICS, POLITICAL SCIENCE, AND SOCIOLOGY. MATHE-

DEPARTMENTAL DISTINCTION: THE MINIMUM REQUIREMENTS FOR GRADUATION WITH DEPARTMENTAL DISTINCTION IN PSYCHOLOGY ARE AS FOLLOWS:
A 4.33 GRADE POINT AVERAGE IN PSYCHOLOGY COURSES, SATISFACTORY COMPLETION OF THE COURSES REQUIRED IN THE GRADUATE PREPARATORY MAJOR PROGRAM, AND FOUR HOURS OF CREDIT IN PSYCHOLOGY 291-292, THE HONORS PROGRAM SEMINAR, INCLUDING AN ACCEPTABLE BACHELOR'S THESIS.

# COURSES FOR UNDERGRADUATES

PSYCH 100 INTRODUCTION TO PSYCHOLOGY.

NOT OPEN TO STUDENTS ELECTING PSYCH. 103 OR 105.

REQUIRES FIVE HOURS OF PARTICIPATION IN LABORATORY EXPERIMENTS 4 HOURS

PSYCH 100 STUDENTS MUST SELECT A DISCUSSION SECTION NOT IN CONFLICT WITH THE LECTURE SECTION IN WHICH THEY ARE REGISTERED. LECTURES A THROUGH J ARE ON CLOSED CIRCUIT TELEVISION.

\*\*SECTIONS &K, &L, &M AND &N ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER; FOURTH HOUR TO BE ARRANGED.

LECTURES O THROUGH T MEET THREE HOURS PER WEEK WITH

TO BE ARRANGED. STUDENTS REGISTERING FOR LECTURES O THROUGH T SHOULD NOT REGISTER FOR A DISCUSSION SECTION LECT 71901 Λ В м W F 100 G H 71918 LECT В 10 W 103 м н C MH 71925 LECT 1.1 М W F 1.03 71932 LECT n 12 М W F 100 G H E F 71940 LECT 12 м F 66 LIB 71957 LECT М W F 100 G H G 71964 LECT F 66 LIB 71971 LECT 1 М W F 103 M H H I J I 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 71989 LECT 10 М W F 66 LIB 71996 LECT М F 100 G H PSYCH BLDG 72009 DISC 8 М 9 72016 DISC 9 М 9 PSYCH BLDG 72023 DISC 10 PSYCH BLDG 9 DISC PSYCH BLDG 72031 11 9 DISC PSYCH BLDG 72048 12 72055 DISC PSYCH BLDG 2 PSYCH BLDG 72062 DISC 9 72070 PSYCH BLDG DISC 3 PSYCH BLDG 72087 DISC 4 9 72094 DISC 8 TU 9 PSYCH BLDG 72105 DISC 9 TU 9 PSYCH BLDG PSYCH BLDG 72112 DESC 1.0 TU 9 PSYCH BLDG 72120 DISC 11 TU 9 72137 PSYCH BLDG DISC 12 TU 9 72144 DISC 1 PSYCH BLDG TU 9 72151 PSYCH BLDG DISC 2 TU 9 3 PSYCH BLDG 72169 DISC TU 9 72176 DISC 4 ŦU 9 PSYCH BLDG 72183 DISC 8 9 PSYCH BLDG 72191 DISC 9 9 PSYCH BLDG DISC 10 W 9 PSYCH BLDG 72219 DISC 11 W 9 PSYCH BLDG 72226 DISC 12 W 9 PSYCH BLDG 72233 DISC 9 PSYCH BLDG 72241 DISC 2 W 9 PSYCH BLDG 72258 DISC 3 9 PSYCH BLDG 72265 DISC 27 4 9 PSYCH BLDG TH 72272 DISC 28 В 9 PSYCH BLDG 72280 DISC 29 9 TH g PSYCH BLDG 30 72297 DISC 10 PSYCH BLDG TH 9 72308 PSYCH BLDG DISC 31 11 TH 9 PSYCH BLDG DISC 72315 32 12 TH 9 72322 DISC 33 1 TH PSYCH BLDG 72330 DISC 34 2 TH PSYCH BLDG 72347 35 TH PSYCH BLDG 3 72354 DISC 36 4 TH PSYCH BLDG 72361 DISC 37 8 F PSYCH BLDG 72379 DESC 3.8 PSYCH BLDG

	TINUED					
72386	DISC	39	10	F	9	PSYCH BLDG
72393	DISC	40	11	F	9	PSYCH BLDG
72404	DISC	41	12	F	9	PSYCH BLDG
72411	DISC	42	1	F	9	PSYCH BLDG
72429	DISC	43	2	F	9	PSYCH BLDG
72436	DISC	44	3	F	9	PSYCH BLOG
72443	DISC	45	4	F	9	PSYCH BLDG
72451	DISC	46	8	М	13	PSYCH BLDG
72468	DISC	47	9	M	13	PSYCH BLOG
72475	DISC	48	10	М	13	PSYCH BLDG
72482	DISC	49	11	M	13	PSYCH BLDG
72490	DISC	50	12	M	13	PSYCH BLDG
72501	DISC	51	1	M	13	PSYCH BLDG
72518	DISC	52	2	M	13	PSYCH BLDG
72525	DISC	53	3	M	13	PSYCH BLDG
72532	DISC	54	4	M	13	PSYCH BLDG
72540	DISC	55	8	TU	13	PSYCH BLOG
72557	DISC	56	9	TU	13	PSYCH BLDG
72564	DISC	57	10	TU	13	PSYCH BLDG
72571	DISC	58	11	TU	13	PSYCH BLDG
72589	DISC	59	12	TU	13	PSYCH BLDG
72596	DISC	60	1	TU	13	PSYCH BLDG
72607	DISC	61	2	TU	13	PSYCH BLDG
72614	DISC	62	3	TU	13	PSYCH BLDG
72621	DISC	63	4	TU	13	PSYCH BLDG
72639	DISC	64	8	W	13	PSYCH BLDG
72646	DISC	65	9	W	13	PSYCH BLDG
72653	DISC	66	10	W	13	PSYCH BLDG
72661	DISC	67	11	W	13	PSYCH BLDG
72678	DISC	68	12	W	13	PSYCH BLDG
72685	DISC	69	1	W	13	PSYCH BLDG
72692	DISC	70	2	W	13	PSYCH BLDG
72703	DISC	71	3	W	13	PSYCH BLDG
72711	DISC	72	4	W	13	PSYCH BLDG
72728	DISC	73	8	TH	13	PSYCH BLDG
72735	DISC	74	9	TH	13	PSYCH BLDG
72742	DISC	75	10	TH	13	PSYCH BLDG
72750	DISC	76	11	TH	13	PSYCH BLDG
72767	DISC	77	12	TH	13	PSYCH BLDG
72774	DISÇ	78	1	TH	13	PSYCH BLDG
72781	DISC	79	2	TH	13	PSYCH BLDG
72799	DISC	80	3	TH	13	PSYCH BLDG
72800	DISC	81	4	TH	13	PSYCH BLDG
72817	DISC	82	8	F	13	PSYCH BLDG
72824	DISC	83	9	F	13	PSYCH BLDG
72831	DISC	84	10	F	13	PSYCH BLDG
72849	DISC	85	11	F	13	PSYCH BLDG
72856	LECT	* & K	9	M W F	29	PSYCH BLDG
72863	LECT	48∟	11	M W F	29	PSYCH BLDG
72871	LECT	≉ €, M	12	M W F	29	PSYCH BLDG
72888	LECT	# £ N	2	MWF	29	PSYCH BLDG
92012	LECT	0	8	MWF	32	PSYCH BLDG
92020	LECT	P	12	M W F	32	PSYCH BLDG
92037	LECT	Q	8	M W F	17	PSYCH BLDG
92044	LECT	R	12	M W F	17	PSYCH BLDG
92051	LECT	S	3	M W F	17	PSYCH BLOG
92069	LECT	T	3-420	TU TH	31	PSYCH BLDG

PSYCH	103	HUMAN BEHAVI	OR.					
	NOT	OPEN TO STUDE	NTS ELEC	TING PSYCH.	100 OR 1	05.		
	4 H(	URS						
	72895	LECT		8	TU TH	100	G H	MAIER
	72906	LAB	1	8-10	M W	35	PSYCH BLDG	
	72913	LAB	2	8-10	M W	37	PSYCH BLDG	
	72921	LAB	3	10-12	M W	35	PSYCH BLDG	
	72938	LAB	4	11-1	M W	37	PSYCH BLDG	
	72945	LAB	5	1-3	M W	35	PSYCH BLDG	
	72952	LAB	6	1-3	M W	37	PSYCH BLDG	
	72960	LAB	7	3-5	M W	35	PSYCH BLDG	
	72977	LAB	8	3~5	M W	37	PSYCH BLDG	
	72984	LAB	9	10-12	TU TH	35	PSYCH BLDG	
	72991	ŁAB	10	10-12	TU TH	37	PSYCH BLDG	
	73004	LAB	11	1-3	TU TH	35	PSYCH BLDG	
	73011	LAB	12	1-3	TU TH	37	PSYCH BLDG	
	73029	LAB	13	3-5	TU TH	35	PSYCH BLDG	
	73036	LAB	14	3-5	TU TH	37	PSYCH BLDG	

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ELEMENTS OF PSYCHOLOGY.
PSYCH 105
            NOT OPEN TO STUDENTS ELECTING PSYCH. 100 OR 103.
FOR PLACEMENI PURPOSES ENROLLMENT IS LIMITED TO STUDENTS WHOSE
ACT COMPOSITE SCORE IS 21 AND BELOW.
             4 HOURS
             STUDENTS MUST ENROLL FOR THE LECTURE AND ONE DISCUSSION SECTION.
          73043
                                                                                 23 PSYCH BLDG
27 PSYCH BLDG
                         LECT
                                                    10
                                                                 M W F
                                                                                                             TRUMPETER
          73051
                          DISC
                                                      1
          73068
                          DISC
                                                                                  27
                                                                                        PSYCH BLDG
                                                                                 27 PSYCH BLDG
27 PSYCH BLDG
27 PSYCH BLDG
          73075
                          DISC
                          DISC
          73082
          73090
                         DISC
                                                                       TH
PSYCH 135
                   STATISTICAL THINKING IN PSYCHOLOGY.
            PREREQUISITE: PSYCH. 100, 103, OR 105.
*CREDIT IS NOT GIVEN FOR PSYCH. 135 IN ADDITION TO ECON. 171
MATH. 161, OR PSYCH. 235.
            *3 HOURS
                        LECT
          73101
                                                  8 M W F
10-1120 TU TH
                                                                                31 PSYCH BLDG
31 PSYCH BLDG
                        LECT
          73118
                                        В
PSYCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
            SECTION A TOPIC: DRUG USAGE: BIOLOGY AND SOCIAL POLICY.
                       CONF
          73125
                                   A
                                                                  TU
                                                                                                             KURKE-MCCLURE
                                                                                213 G H
                         CONF
                                         В
                                                 ARR
          73132
          73140
                         CONF
                                                 ARR
                                  COURSES FOR ADVANCED UNDERGRADUATES
            1 INTRODUCTION TO SOCIAL PSYCHOLOGY.
PPEREQUISITE: PSYCH. 100, 103, OR 105.
*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 201 AND SOC. 201.
*4 HOURS
PSYCH 201
            STUDENT ENROLLS IN ONE COMBINATION DISCUSSION-LECTURE. SECTIONS &D AND &E ARE OFFERED IN THE SPECIAL INTEREST OF, AND
            ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS
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ARR ANGED	FOR HONORS	SECTIO	15 4.25 N ONLY.	UR	BELLE	Ŀĸ.	FOURTH HOUR TO	BE
73157	LECT-DISC	A 1	8		TU		27 PSYCH B	I DC
13131	EECT-DISC	A 1	B		M W	F	L H THEATER	LUG
73164	LECT-DISC	A 2	9		TU	-	27 PSYCH E	II DC
13104	ECCI-DISC	A 2	8		M W	F	L H THEATRE	LUG
73171	LECT-DISC	A 2	10		TU	-	27 PSYCH 8	100
13111	LEC 1-013C	A 3	8		M W	F	L H THEATRE	LUG
73189	LECT-DISC	A 4	11		TU	-	27 PSYCH B	1.00
13109	ELCI-DISC	A 4	11		M W	F	L H THEATRE	LUG
73196	LECT-DISC	A 5	1		TU	,		LDG
13170	LLC: DISC	A 5	8		M W	F	L H THEATRE	LDU
73207	LECT-DISC	A 6	2		TU	,		L DG
	220. 0100	A 6	8		M W	F	L H THEATRE	
73214	LECT-DISC	Δ 7	3		TU			LDG
	220.0130	A 7	В		M W	F	L H THEATRE	200
73221	LECT-DISC	A 8	4		TU		27 PSYCH B	LDG
		A B	8		M W	F	L H THEATRE	400
73239	LECT-DISC	A 9	8			rH.		LDG
		A 9	8		M W	F	L H THEATRE	
73246	LECT-DISC	A10	9		1	ΓH		LOG
		A10	8		M W	F	L H THEATRE	
73253	LECT-DISC	В 1	10		TU			LDG
		8 1	9		M W	F	L H THEATRE	
73261	LECT-DISC	B 2	11		TU		21 PSYCH B	LDG
		8 2	9		M W	F	L H THEATRE	
73278	LECT-DISC	B 3	12		TU		21 PSYCH B	LDG
		B 3	9		M W	F	L H THEATRE	
73285	LECT-DISC	B 4	1		TU		207 PSYCH B	LDG
		B 4	9		M W	F	L H THEATRE	
73292	LECT-DISC	5	2		TU		21 PSYCH B	LDG
		B 5	9		M W	F	L H THEATRE	
73303	LECT-DISC	B 6	3		TU			LDG
		8 6	9		M W	F	L H THEATRE	
73311	LECT-DISC	B 7	4		TU		21 PSYCH B	LDG
		B 7	9		M W	F	L H THEATRE	
73328	LECT-DISC	B 8	В			ſΗ		LDG
		8 8	9		M M	F	L H THEATRE	

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21 PSYCH BLDG
       73335
                   LECT-DISC
                               B 9
                                         9
                                                       TH
                                8 9
                                         9
                                                      W F
                                                             L H THEATRE
                   LECT-DISC
                               B10
                                        10
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                                                               27 M H
                               B 10
                                          9
                                                        F
                                                             L H THEATRE
       73350
                   LECT-DISC
                               C 1
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                                                                   PSYCH BLDG
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                                        12
                                                               112
                                                                    GH
                               C 2
       73367
                   LECT-DISC
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                                                                    PSYCH BLDG
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                                                               112
                                                                    GH
       73374
                   LECT-DISC
                               C 3
                                        10
                                                                    PSYCH BLDG
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                                                                    GH
                               C 3
                                        12
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                                                               112
       73381
                   LECT-DISC
                               C 4
                                                       TH
                                                                    PSYCH BLDG
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                                C 4
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       73399
                   LECT-DISC
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                                                                    PSYCH BLDG
                                C 5
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                                                                    G H
                                                                    PSYCH BLDG
       73400
                   LECT-DISC
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       73417
                   LECT-DISC
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       73424
                   LECT-DISC
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                                                                    PSYCH BLDG
                                C 8
                                        12
                                                        F
                                                               112
                                                                    GH
                                                       TH
       73431
                   LECT-DISC
                               0 9
                                                                    PSYCH BLDG
                                          3
                                                               21
                                        12
                                                               112
                                                                    GH
       73449
                   LECT-DISC
                               C10
                                         4
                                                       TH
                                                                    PSYCH BLDG
                                                               21
                               0.10
                                                     W F
                                                                    G H
                                        12
                                                               112
                                                               29
                   LECT
                                                  М
                                                                    PSYCH BLDG
       73456
                               C D
                                        10
                                                               29
                                                                    PSYCH BLDG
                   LECT
                                                  М
       73463
                               £.F
                                         1
         PHYSIOLOGICAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105; PHYSL. 103 OR ZOOL. 104;
CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE
PSYCH 211
         DEPARTMENT OF PSYCHOLOGY.
          3 HOURS
       73471
                   LAB-DISC
                               *1 A
                                         9-11
                                                               258
                                                                   PSYCH BLDG
                              *1A
                                        11
                                                   TU TH
                                                               32 PSYCH BLDG
                   LAB-DISC
                              *1B
       73488
                                         9-11
                                                  М
                                                               258
                                                                    PSYCH BLDG
                               *18
                                        11
                                                   TU TH
                                                               32
                                                                    PSYCH BLDG
       73495
                   LAB-DISC
                              *2A
                                          9-11
                                                     W
                                                               258
                                                                    PSYCH BLDG
                                                    TU TH
                                                                    PSYCH BLDG
                               *2A
                                        11
                                                               32
                                         9-11
                                                     W
                                                               258
                                                                    PSYCH BLDG
       73506
                   I AB-DISC
                               #2 R
                                                               32 PSYCH BLDG
                               *2B
                                        1.1
                                                    TU TH
       73513
                   LAB-DISC
                              * 3 A
                                         9-11
                                                        F
                                                               258 PSYCH BLDG
                                                    TU TH
                                                                    PSYCH BLDG
                               #3 A
                                        11
                                                               32
                                         9-11
                                                        F
                                                               258 PSYCH BLDG
       73521
                   1 AB-DISC
                              #3B
                                                                    PSYCH BLDG
                              #3B
                                        11
                                                    TU TH
                                                               32
                                         9-11
                                                              258
                                                                   PSYCH BLDG
       73538
                   LAB-DISC
                              *4A
                                                     TH
                              *4A
                                        11
                                                    TU TH
                                                               32
                                                                    PSYCH BLDG
                                                              258 PSYCH BLDG
32 PSYCH BLDG
                                         9-11
       73545
                   LAB-DIS€
                             *4B
                                                     TH
                              *4B
                                        11
                                                   TU TH
PSYCH 216
              CHILD PSYCHOLOGY.
         PREREQUISITE: PSYCH. 100, 103, OR 105.
          3 HOURS
          *SECTIONS &D AND &E ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE
         GRADE-POINT AVERAGE IS 4.25 OR BETTER.

3552 LECT M 2-320 TU TH 23 PSYCH BLOG
                                                                                   WEIR
       73552
                               H
                                                  M W F
                                                              100 G H
                               8
       73560
                   LECT
                                         Q
                                                                                    HILL
                                                                                    L. COHEN
       73577
                   LECT
                               C.
                                        10
                                                               100
                                                                   PSYCH BLOG
       73584
                   LECT
                              C3*
                                         9-1020
                                                   TU TH
                                                              29
29
                                                                   PSYCH BLDG
       73591
                   LECT
                              * ε E
                                         3
                                                  M W
                                                        E
            COMPARATIVE DEVELOPMENT.
         PREREQUISITE: PSYCH. 100, 103, OR 105.
         3 HOURS
       73602
                   LECT
                                        10
                                                  M W F
                                                               32 PSYCH BLDG
             PERCEPTION.
PSYCH 230
         PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
         3 HOURS
          *SECTIONS AT AND BY ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER
         STUDENTS MUST ENROLL IN SECTION A2 OR B2.
                   LECT
                              *A1 9-1020
                                                               32 PSYCH BLDG
                                                                                    HAKE
       73610
                              *A2
                                                              32 PSYCH BLDG
32 PSYCH BLDG
32 PSYCH BLDG
       73627
                                         9-1020
                                                   TU TH
                                                                                    HAKE
                                       1-220
                                                   TU TH
       73634
                   LECT
                              *B1
                                                                                    KAPPAHE
                                                  TU TH
       73641
                                                                                   KAPPAUF
                  LECT
                              *B2
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PSYCH 201

CONTINUED

STATISTICAL METHODS IN PSYCHOLOGICAL RESEARCH. PSYCH 235 PREREQUISITE: PSYCH. 100, 103, OR 105; MATH. 111 OR EQUIVALENT; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY. FONLY I HOUR OF CREDIT IS GIVEN TO THOSE WHO HAVE CREDIT IN ECON. 170 OR 171, MATH. 161 OR PSYCH. 135. \*4 HOURS 73659 9 HTUWTH PSYCH BLDG LECT 31 Δ 10-12 73666 LECT В M W 17 PSYCH BLDG CAMPTONE PSYCH BLDG 73673 LECT C 1-3 31 TU TH 1-3 PSYCH BLDG 73681 LECT n 31 5 INDUSTRIAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105; A COURSE IN STATISTICS. PSYCH 245 3 HOURS 73698 LECT 9 17 PSYCH BLDG HULIN F 73709 LECT В 31 PSYCH BLDG 8 LEARNING. PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY. PSYCH 248 3 HOURS \*SECTIONS ALAND BLARE FOR PSYCHOLOGY MAJORS ONLY. ALL OFFICE STUDENTS MUST ENROLL IN SECTION A2 OR B2. \*A1 9 M w F 23 PSÝCH BLDG LIFBERMAN 73716 LECT 73723 LECT \*42 9 М M ۶ 23 PSYCH BLDG 73731 LECT \*81 1 М F 23 PSYCH BLDG F 73748 LECT \*B2 1 м W 23 PSYCH BLDG D PSYCHOLOGY OF PERSONALITY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
\*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 150 AND 250. PSYCH 250 \*3 HOURS SECTIONS &D, &E, AND &F ARE OFFERED IN THE SPECIAL INTEREST OF, AND ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE POINT AVERAGE IS 4-25 OR BETTER. 11 M W 73755 LECT ă 100 CLORE, RENNER F GH AND WIGGINS 213 73762 LECT В 12 M W F 73770 LEC T C м W 114 DKH TUTH M W F PSYCH BLDG 9-1020 6.0 73787 LECT PSYCH BLDG 73794 LECT £.F 11 21 73805 LECT 8.F 2 17 PSYCH BLDG HUMAN PERFORMANCE IN MAN-MACHINE SYSTEMS. PREREQUISITE: PSYCH. 100, 103, 105. 3 HOURS 73812 LECT M W F 17 PSYCH BLDG WILLEGES HONORS, II. PSYCH 292 PREREQUISITE: PSYCH. 291. 2 TO 4 HOURS MALPASS 73820 CONF ARR PSYCH 293 INDIVIDUAL TOPICS. INDIVIDUAL TOPICS.

PREREQUISITE: TEN HOURS OF PSYCHOLOGY; A GRADE POINT AVERAGE OF 4.0; WRITTEN CONSENT OF INSTRUCTOR; IN EXCEPTIONAL CASES, UPON RECOMMENDATION OF THE INSTRUCTOR AND APPROVAL BY THE HEAD OF THE DEPARTMENT, STUDENTS MAY BE ADMITTED WITH A GRADE-POINT AVERAGE OF 3.75. 2 TO 4 HOURS STUDENTS ENROLLING FOR MORE THAN DNE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY. 73837 CONF ARR STAFF 73844 CONF В ARR 73851 CONF c ARR COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES PSYCH 306 QUANTITATIVE METHODS, 1.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING PSYCH. 135 OR EQUIVALENT. 4 HOURS OR 1 UNIT 73869 LAB-DISC Α M W 31 PSYCH BLDG BOGART 7 10-12 ARR 73876 LAB-DISC В 1-3 TU TH 17 PSYCH BLDG В

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LABORATORY IN PHYSIOLOGICAL PSYCHOLOGY.
PSYCH 311
           PREREQUISITE: PSYCH. 211 AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
           4 HOURS, OR 1/2 OR 1 UNIT
                       LECT
                                                                                                  DONCHIN A
         73883
                                                                         21 PSYCH BLDG
                                             ARR
                       IAR
                                                                                                   MEAD
PSYCH 326
                 MOTIVATION AND EMOTION.
            PREREQUISITE: SIX HOURS OF PSYCHOLOGY.
            3 HOURS, OR 1/2 OR 1 UNIT
                      LECT
                                                             w F
                                                                          23 PSYCH BLDG
           EXPERIMENTAL PSYCHOLOGY, I.
PREREQUISITE: PSYCH, 230 AND 253, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
PSYCH 330
            4 HOURS OR 1/2 UNIT
         73901
                       LAB-DISC
                                                9-11
                                                                         289 PSYCH BLDG
                                                            TH TH
                                                                                                  GREENBERG
                                                 Q
                                                           M W
                                                                          32
                                                                               PSYCH BLDG
         73919
                                               11 - 1
                                                                         289
                                                                               PSYCH BLDG
                       I AR-DISC
                                                9
                                                           M W
M W
                                                                          32
                                                                               PSYCH BLDG
         73926
                       LAB-DISC
                                     3
                                                2-4
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                                                                         289
                                                                               PSYCH BLDG
                                                9
                                                           M
                                                              W
                                                                          32
                                                                               PSYCH BLDG
                                                2-4
                                                                         289
         73033
                       LAB-DISC
                                                            TU TH
                                                                               PSYCH BLDG
                                                           М
                                                                          32
                                                                              PSYCH BLDG
                  RESEARCH METHODS IN SOCIAL PSYCHOLOGY.
PSYCH 332
                  SAME AS SOC. 332.
           PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
           4 HOURS, OR 1/2 OR 1 UNIT
941 LAB-DISC A1
                                                                              PSYCH BLDG
         73941
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                                                                         32 PSYCH BLDG
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                       LAB-DISC
                                                1-3
                                                                               PSYCH BLDG
                                     Α2
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                                                                              PSYCH BLDG
                                     A2
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                                                           M W
TU TH
                                                                               PSYCH BLDG
         73965
                       LAB-DISC
                                     Δ3
                                                3-5
                                                                         151
                                     Δ3
                                                8
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                                                                              PSYCH BLDG
         73972
                       LAB-DISC
                                     Δ4
                                                3-5
                                                            TU TH
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                                                                               PSYCH BLOG
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                                                                               PSYCH BLDG
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TU TH
                       LA8-DISC
                                     В1
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                                                                               PSYCH BLDG
         73980
                                                                               PSYCH BLDG
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         73997
                       1 AB+DISC
                                     B2
                                                8-10
                                                            TU TH
                                                                         151
                                                                               PSYCH BLDG
                                                            TU TH
                                                                         21 PSYCH BLDG
                                     В2
           MATHEMATICAL FORMULATIONS IN PSYCHOLOGICAL THEORY.
PREREQUISITE: ELEMENTARY STATISTICS OR PROBABILITY, ELEMENTARY
PSYCH 335
           CALCULUS, AND SIX HOURS OF PSYCHOLOGY, OR PERMISSION OF INSTRUCTOR.
           3 HOURS, OR 1/2 OR 1 UNIT
         74000
                      LECT
                                                1-220
                                                           TU TH
                                                                          29 PSYCH BLOG
PSYCH 338
                 ABNORMAL PSYCHOLOGY.
           PREREQUISITE: SIX HOURS OF PSYCHOLOGY, JUNIOR STANDING EXCEPT FOR THOSE IN THE PREMEDICAL CURRICULUM WHO MAY TAKE THE COURSE AS SECOND SEMESTER SOPHOMORES WITH FOUR HOURS OF PSYCHOLOGY.
           3 HOURS, OR 1/2 OR 1 UNIT
           *SECTIONS &D AND &E ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE
           LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER.
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PSYCH 346
                 BEHAVIOR GENETICS.
           PREREQUISITE: PSYCH. 100, 103, OR 105 AND A COURSE IN STATISTICS, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE
           DEPARTMENT OF PSYCHOLOGY.
            4 HOURS, OR 1/2 OR 1 UNIT
           *SECTION A1 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST
           ENROLL IN SECTION A2.
         74063
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TU TH

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PSYCH BLDG

PSYCH BLDG

708 PSYCH BLDG

\*A1

\*A2

\*A2

LAB-DISC

74071

PSYCH 351 ADVANCED SOCIAL PSYCHOLOGY. SAME AS COMM. 351 AND SOC. 351.
PREREQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385 OR A COMPARABLE STATISTICS COURSE. 3 HOURS, OR 1/2 OR 1 UNIT 74088 LECT 207 PSYCH BLDG DAVIS PSYCH 352 ATTITUDE THEORY AND MEASUREMENT. SAME AS SOC. 352 AND COMM. 352.

PREREQUISITE: SOC. 201 OR PSYCH. 201 AND A COURSE IN STATISTICS.
3 HOURS, OR 1/2 OR 1 UNIT LECT 207 PSYCH BLDG PSYCH 355 INDUSTRIAL SOCIAL PSYCHOLOGY. SAME AS L.I.R. 355.

PREREQUISITE: PSYCH. 201 OR 357.

3 HOURS, OR 1/2 OR 1 UNIT M W F 32 PSYCH BLDG GRAEN PSYCHOLOGY OF INDUSTRIAL CONFLICT. PSYCH 357 SAME AS L.I.R. 357.

PREREQUISITE: PSYCH. 100 OR EQUIVALENT.

\*NO CREDIT IS GIVEN FOR UNDERGRADUATE MAJORS IN PSYCHOLOGY.

\*3 HOURS, OR 1/2 OR 1 UNIT 74113 LECT 11-1220 TU TH 29 PSYCH BLDG MODERN VIEWPOINTS IN PSYCHOLOGY. PSYCH 360 74121 207 PSYCH BLDG ADVANCED DEVELOPMENTAL PSYCHOLOGY. PREREQUISITE: PSYCH. 216 OR 217 AND A COURSE IN STATISTICS.
3 HOURS, OR 1/2 TO 1 UNIT
138 LECT 1 M W F 32 PSYCH 32 PSYCH BLDG HUNT

PSYCH 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS ANTH., GEOG., H. ED., PHYSL., SOC., V. M. S., AND TOOL. 360.

PREREQUISITE: ONE YEAR OF BIOLOGY, AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.

\*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER, THE CREDIT MAY BE 3 OR 5 HOURS.

\*3 OR 5 HOURS, OR 1/2 OR 1 UNIT

\*145 LECT-DISC 11 M W F 112 C A 74145

PSYCH 371 PSYCHOLOGICAL FACTORS IN POLITICAL BEHAVIOR. PREREQUISITE: SIX HOURS BEYOND 100-LEVEL COURSES IN PSYCHOLOGY, POLITICAL SCIENCE, OR SOCIOLOGY.

3 HOURS, OR 1/2 TO 1 UNIT LECT 74152 10-1120 TU TH 23 PSYCH BLDG FISHBEIN

PSYCH 373 HUMAN DEVELOPMENT IN CROSS-CULTURAL PERSPECTIVE. SAME AS ANTH. 373.
PREREQUISITE: SIX HOURS OF ANTHROPOLOGY, SOCIOLOGY OR PSYCHOLOGY OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

74160 11-1220 TU TH 17 PSYCH BLDG MALPASS

METHODS OF FIELD RESEARCH. METHOUS OF FIELD RESEARCH.

SAME AS SOC. 386.

PREREQUISITE: SOC. 184 AND 185 OR PSYCH. 235.

3 HOURS, OR 1/2 UR 1 UNIT

\*SECTION AL IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUINED TO THE STUINED THE STUINED TO THE STUINED THE STUINE ALL OTHER STUDENTS MUST 74177 74184

PSYCH 386

PSYCHOLOGICAL TESTS AND MEASUREMENTS. DEVCH 390 PREREQUISITE: PSYCH. 235. 4 HOURS OR 1 UNIT 74191 M W 32 PSYCH 8LDG LAB-DISC N. WIGGINS ARR Α TU TH 36 PSYCH BLDG 74202 LAR-DISC R 11 ARR R COURSES FOR GRADUATES NOTE: THE PREREQUISITES STATED APPLY TO GRADUATE MAJORS IN PSYCHOLOGY. STUDENTS MINORING IN PSYCHOLOGY MAY, BY SPECIAL PERMISSION OF INSTRUCTORS, ENROLL IN CERTAIN OF THESE COURSES WITHOUT HAVING MET ALL OF THE PREREQUISITES. SYSTEMATIC PSYCHOLOGY.

PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY. 1 UNIT 74210 LECT 10-12 F 17 PSYCH BLDG PSYCH 404 PROSEMINAR IN GENERAL PSYCHOLOGY, II.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY. 1 UNIT LECT 3-6 THWTH 32 PSYCH BLDG J. COHEN DESIGN OF EXPERIMENTS IN PSYCHOLOGY. PREREQUISITE: PSYCH. 307. PSYCH 408 1 UNIT 74234 10-12 M 508 PSYCH BLDG KAPPAUF PSYCH 409 PSYCHOLOGICAL SCALING. SAME AS SOC. 409.
PREREQUISITE: PSYCH. 307. 1 UNIT 10-12 F 74241 708 PSYCH BLDG L. JONES LECT ADVANCED PHYSIGLOGICAL PSYCHOLOGY. PSYCH 411 PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING PSYCH. 311 OR EQUIVALENT. 1 UNIT 74259 LECT 10-12 TH 508 PSYCH BLDG DONCHIN ARR LAB GREENOUGH AND MEAD PSYCH 416 PERCEPTION. PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY. 1 UNIT 10-12 W 74266 LECT 608 PSYCH BLDG HAKE LAB ARR EXPERIMENTAL PSYCHOLOGY OF LEARNING, I: BASIC PROCESSES. PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY. PSYCH 417 1 UNIT LECT 74273 1-3 508 PSYCH BLDG MATER

LAB ARR

PSYCHOLINGUISTICS.

SAME AS COMM. AND LING. 425. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT LECT 74281 F 21 PSYCH BLDG

BREWER

PSYCH 435 MOTIVATION AND MORALE IN INDUSTRY.

SAME AS L.I.R. 435.
PREREQUISITE: FOUR UNITS OF GRADUATE CREDIT IN PSYCHOLOGY OR CONSENT OF INSTRUCTOR.

1 UNIT

74298 21 PSYCH BLDG HIII TN LECT 2-4 M

8 INTRODUCTION TO CLINICAL PSYCHOLOGY, I.
PREREQUISITE: GRADUATE STANDING IN CLINICAL PSYCHOLOGY; CONSENT PSYCH 438 OF INSTRUCTOR. LUNIT 74309 LECI-DISC 2-4 W 21 PSYCH BLDG D. PETERSON 40 FUNCTIONAL ANALYSIS OF BEHAVIOR.
PREREQUISITE: CONSENT OF INSTRUCTOR. PSYCH 440 1/2 UNIT 74316 R. PETERSON LECT-DISC 9-11 F 27 PSYCH BLDG PSYCH 441 PERSONALITY AND BEHAVIOR DYNAMICS. PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.

\*GRADUATE CREDIT IS NOT ALLOWED FOR BOTH PSYCH. 350 AND 441. \*1/2 UNIT 74323 LECT 10-12 508 PSYCH BLDG 508 PSYCH BLDG TU 74331 1-3 CLORE В PSYCHODIAGNOSTICS. I. PSYCH 443 PREREQUISITE: THELVE HOURS OF PSYCHOLOGY, INCLUDING PSYCH. 390 OR EQUIVALENT; PSYCH. 439. 1 UNIT LECT 74348 8-12 TU 26 C R C SHANNON BEHAVIOR MODIFICATION. PSYCH 445 PREREQUISITE: PSYCH. 444, WITH ENROLLMENT IN PSYCH. 447 RECOMMENDED. 1/2 UNIT 74355 LECT 1 - 5 W 26 C R C PAUL PSYCH 446 LABORATORIES IN CLINICAL PSYCHOLOGY. PREREQUISITE: PSYCH. 445. 1/2 TO 1 UNIT 74362 LAB Д ARR 26 CRC CLINIC 6 C 74370 LAB 26 C R C STAFF 74387 LAB LAB LAB ARR 92083 ARR 92076 ARR 9 MEDICINE IN CLINICAL PSYCHOLOGY.
PREREQUISITE: SECOND YEAR GRADUATE STANDING IN CLINICAL PSYCHOLOGY
OR CONSENT OF INSTRUCTOR. PSYCH 449 1/2 UNIT 10-12 W 26 C R C LITTLE 74394 LECT-DISC PSYCH 453 ORGANIZATIONAL SCIENCES, I.

SAME AS B. ADM. 410, POL. S. 460, AND SOC. 456.

PREREQUISITE: ENROLLMENT AS A MAJOR IN ORGANIZATION SCIENCES IN A COOPERATING PROGRAM OR APPROVAL OF INSTRUCTOR. UNIT 10-12 W 166 CGM W 74405 LECT-DISC FRESEARCH METHODS IN ORGANIZATIONAL PSYCHOLOGY.

PREREQUISITE: PSYCH. 351 OR 355 OR 359, OR CONSENT OF INSTRUCTOR. 1 UNIT 74412 LECT 708 PSYCH BLDG GRAEN TU 9-11 PSYCH 456 PSYCHOLOGY OF SOCIAL COMMUNICATION. SAME AS COMM. 456. PREREQUISITE: PSYCH. 351 OR EQUIVALENT OR CONSENT OF INSTRUCTOR. PREKES.

1 UNIT
LECT 1-3 M 74420 608 PSYCH BLDG FISHBEIN LEADERSHIP AND GROUP EFFECTIVENESS. PREREQUISITE: PSYCH. 351 GR EQUIVALENT. 1 UNIT 74437 LECT TO 608 PSYCH BIDG

74437 LECT 10-12 TU 608 PSYCH BLDG DAVIS

ISYCH 460 MOTIVATION AND PERSONALITY DEVELOPMENT IN CHILDREN.

PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR.

1 UNIT

74444 LECT 9-11 TH 608 PSYCH BLDG HILL

SOCIAL PERCEPTION. PREREQUISITE: PSYCH. 351 OR EQUIVALENT. 1 UNIT 608 PSYCH BLDG 74451 10-12 TRIANDIS 7 PERSONALITY ASSESSMENT. PREREQUISITE: PSYCH. 307 OR EQUIVALENT. 1 UNIT 74469 TU 1-3 608 PSYCH BLDG J. WIGGINS PSYCH 469 9 COGNITIVE DEVELOPMENT.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR. 1 UNIT 74476 LECT 1-3 TH 508 PSYCH BLDG BOGARTZ PRINCIPLES AND METHODS OF TEACHING PSYCHOLOGY.
PREREQUISITE: SECOND-YEAR GRADUATE STANDING IN PSYCHOLOGY OR
CONSENT OF INSTRUCTOR. PSYCH 470 1/2 OR 1 UNIT 10-12 M 74483 LECT 608 PSYCH BLDG COSTIN INDIVIDUAL RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY. CONF ARR 74491 A 74501 ARR В 74519 CONF С ARR STAFF PSYCH 493 SEMINAR.

PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY; CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.

526 LECT-DISC A ARR LECT-DISC A
LECT-DISC B
LECT-DISC C 74526 STAFF 74533 ARR 74541 ARR

THESIS RESEARCH.

O TO 4 UNITS

\*SECTION A IS FOR M.A. THESIS, SECTION B IS FOR PH. D. THESIS.

74565 \* B ARR

74558 CONF \* A ARR STAFF

227 G H

DEPARTMENT OFFICE

# COURSES FOR ADVANCED UNDERGRADUATES

R TV 252 TELEVISION LABORATORY. PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 3 HOURS \*LECTURE 1 AND LAB SECTIONS A1 AND B1 ARE FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE 2 AND LAB SECTIONS A2 AND B2. 74572 LECT 74580 LECT \*2 8 M 225 G H W F W F 74597 LAB \* A1 8-10 B TV BLDG 74608 LAB \*A2 8-10 B TV BLDG 74615 LAB \*B1 8-10 B TV BLDG 74622 LAB **\***82 8-10 TU TH PRINCIPLES OF RADIO AND TELEVISION BROADCASTING. R TV 261 2 HOURS LECT-DISC N LECT-DISC P LECT-DISC S TU TH 43 G H 225 G H 74630 10 74647 TU TH 11 74654 LECT-DISC 2 TU TH 113 DOUGLASS RADIO AND TELEVISION ANNOUNCING.
PREREQUISITE: CONSENT OF INSTRUCTOR. R TV 263 2 HOURS 74661 LECT-DISC TU TH 8-10 233 G H R TV RADIO PRODUCTION AND DIRECTION. PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 3 HOURS 74679 233 G H 233 G H LECT 8-10 W F Α LAR FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE. RTV 280 SAME AS THEAT. 280 AND RHET. AND SPCH. 263.
PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS 74686 LECT-DISC A ENSEMBLE KRAN AULETTA M W A ENSEMBLE KRAN SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. RTV 291 2 OR 3 HOURS 74693 CONF STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES TELEVISION DIRECTING.
PREREQUISITE: R. TV. 252; CONSENT OF HEAD OF DEPARTMENT. R TV \*SECTION B1 IS FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST EMPOLL IN SECTION B2. 74704 LAB-DISC \*B1 A TV BLDG 225 G H A TV BLDG \*B1 8-10 74711 LAR-DISC 9 М \*B2 \*B2 8-10 lef. R TV

5 TELEVISION NEWS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT 10 74729 LECT-DISC C 225 10-12 LAB 225 G H

CINEMATOGRAPHY FOR TELEVISION.
PPEREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT 74736 LECT L 8

TU TH 501 S WRIGHT 501 S WRIGHT 501 S WRIGHT 501 S WRIGHT LAB 9-12 TH - L TU TH 74743 LECT R 1 R 2-5 LAB TU

R TV		TO AND TELE						
		SITE: R. TV OR 1/2 UNIT		SENIOR 2	IANDING.			
	74751	LECT-DISC		10	TU TH	225	G H	MULLALLY
	, , , , ,	CCC I DISC			10 111	227	0 11	HOLLALLY
R TV		IG NEWS.						
		SITE: JOURN						
	3 HOURS 74768	OR 1/2 UNIT		2	м	225	GН	CDAMED
	74775	LECT-DISC LAB	G	2-4	M W F	225	G H	CRAMER CRAMER
	74782	LAB	Н	2-4	тотн	225	GH	CRAMER
							•	O INAII LII
R TV	366 ADV	ANCED RADIO	AND T	ELEVISION	PRACTICES,	Ι.		
			OURSES	IN AREA	OP SPECIALIZ	ATION,	CONSENT OF	
	INSTRUCT	OR 1/2 UNIT						
	74790	CONF	A	ARR				STAFF
	74801	CONF	В	ARR		236	G H	CRAMER
	74818	CONF	C	ARR		501 S	WR IGHT	HALL
	74825	CONF	D	ARR		232		LIPPOLD
	74832	CONF	E	ARP		42	G H	MULLALLY
R TV	367 ADV	ANCED RADIO	AND T	FIEVISION	PRACTICES.	II.		
,, , ,					OF SPECIAL IZ		CONSENT OF	
	INSTRUCT							
		OR 1/2 UNIT						
	74840	CONF	Α	ARR				STAFF
	74857	CONF	В	ARR		236	G H	CRAMER
	74864 74871	CONF	C D	ARR		232	WRIGHT	LIPPOLD
	74889	CONF	E	ARR		42	G H	MULLALLY
	14003	00111	-	A		72	0 11	HOLE MEE
R TV		IO AND TELE			DNS.			
		SITE: SENIC		DING.				
	74896	OR 1/2 UNIT		11	TU TH	113	C 11	DOUGLASS
	14070	CEC1-0130	-	11	10 11	113	о п	DUUGLASS
			C	OURSES FO	R GRADUATES			
R TV	450 SPE	CIAL PROBLE	MC TAI	TELEVISIO	AI.			
L 1 A						OF SPE	CIALIZATION,	
		OF INSTRUCT		THE COURSE	IN THE MILE	01 37 2	CIALIZATION	
	1/2 TO 3	UNITS						
	74907	CONF	Δ	ARR				STAFF
	74914	CONF	В	ARR		236	G H	CRAMER
	74921 74939	CONF	C	ARR ARR			WRIGHT	LIPPOLD
	74946	CONF	E	ARR		42	G H G H	MULLALLY
	, 4,40	0.0141	-	BNN		72	0 //	MOLCALLI
R TV		TINAR IN RAC		TELEVISI	DN.			
		IE AS COMM.	462.					
	1 UNIT 74953	LECT-DISC		3-5	М	1.0	6.11	
	14400	LEC 1-DISC		3-5	M	18	G H	
R TV	490 SPE	CIAL TOPICS	IN RA	DIO AND T	ELEVISION.			
	PRE RE QUI	SITE: CONSE						
	1/2 OR 1	UNIT						
	74961	CONF	A	ARR				STAFF
		CONF	A B	ARR ARR				
	74961							
P TV	74961 74978	CONF SIS RESEARC	В.	ARR				
R TV	74961 74978 499 THE PREREQUI	CONF SIS RESEARC SITE: GRADU	В.	ARR	RADIO AND T	ELEVIS	ION.	
R TV	74961 74978 499 THE PREREQUI 1 OR 2 U	CONF SIS RESEARC SITE: GRADU JNITS	В.	ARR	RADIO AND T	ELEVIS	ION.	MULLALLY
R TV	74961 74978 499 THE PREREQUI	CONF SIS RESEARC SITE: GRADU	В.	ARR	RADIO AND T	ELEVIS	ION.	STAFF MULLALLY STAFF

# RECREATION AND PARK ADMINISTRATION

DEPARTMENT OFFICE 104 HUFF GYM

		COURSES	S FOR UNDERG	GRADUATES			
REC	100 LEI 4 HOURS	SURE: ITS USES AF	ND RESOURCES	•			
	74992 75005 75012	LECT LAB DISC A DISC B	9 3~5 9	M TU W F W	ARR 211 H 331 A	RMORY H G KRMORY	LOWREY STAFF LOWREY LUPTON
	75020	DISC C	9	W F		ARMORY ARMORY	MILLER
REC	PREREQUI 3 HOURS	ORIES AND METHODS SITE: REC. 100 OF	OF LEADERS CONSENT OF	HIP. INSTRUCTOR	R .		
	75037	LECT-DISC LAB	1 1 1 1 -1	M F	154 A 154 A	RMORY	GERSTENBERGER GERSTENBERGER
REC	3 HOURS	NCIPLES OF CAMPIN		IONS WITH	BOYS AND	GIRIS. 8.3	0
	A.M. TO	12.00 NOON SATURE	10-1130	ND NOV .	136 A		IVINS
REC	PREREQUI:	LD EXPERIENCE, I. SITE: ONE YEAR OF OF INSTRUCTOR.		E RECREATIO	ON CURRI	CULUM OR	
	0 TO 1 HI 75051	LAB-DISC	3-5	W	137 A	RMOR Y	GARRET
REC	PREREQUI	LD EXPERIENCE, II SITE: ONE YEAR OF DF INSTRUCTOR.		E RECREATIO	ON CURRI	CULUM OR	
		LAB-DISC	3 -5	W	137 A	RMORY	GARRET
REC	199 UNDI *MAY BE   *0 TO 9	ERGRADUATE OPEN S REPEATED. HOURS	SEMINAR.				
		CONF	ARR				STAFF
			OR ADVANCES	UNDERGRADO	UATES		
REC	PREREQUI. O CREDIT	ERVATION TRIP. SITE: MAJOR OR MI LAB	NOR IN RECR	EATION.			STAFF
							STAFF
REC	PREREQUI: 3 HOURS	ORIES AND METHODS SITE: REC. 180 AM	OF SUPERVI	SION. ONSENT OF	INSTRUCT	OR.	
	75091	LECT-DISC	10	M W F			LOWREY & STAFF
REC	PREREQUI: 3 HOURS	REATION PROGRAM D SITE: REC. 100 AN	ID 200, OR C	ONSENT OF			
		LECT-DISC	130-3		330 A	RMORY	MILLER & STAFF
REC	3 HOURS	RODUCTION TO THER SITE: REC. 100, 1	110, AND 180	, UR CUNSER			
			830-10				FRYE & STAFF
REC	PREREQUI:	RODUCTION TO OUTO SITE: REC. 100 OF	OOR EDUCATI	ON AND RECE	REATION.		
		LECT-DISC	3-5	TU TH	154 A	RMORY	WEAVER

PEC	AVERAGE APPROVAL *MAY BE	CIAL PROBLE SITE: JUNIO OF 3-5; CON OF DEPARTM REPEATED FO	R OR SE SENT OF ENT HEA	FACULTY A	DVISOR AND	INSTR	JCTOR.	
	*2 OR 3 75133	HOUR S COMF		ARR				FRYE
REC	SAM PREFEQUI PRECEDIN OF DEPAR		SCHOLA CONSEN	T OF FACUL	TY ADVISER	, INST	F 4.0 THE RUCTOR AND HEAD	
	#2 HOURS			7-9PM 7-9PM	W		FREER GYM E B	1
REC	SUPERVIS	SITE: REC. OR OF FIELD	181; JJ	VIOR STANG	DING AND CO	NSENT (	OF THE	
	0 CREDIT 75165			3~5	М	154	ARMOR Y	GARRET, LONE FRYE, LINE()
REC		EARCH IN RES				NSTRUC'	TOR.	
	75172	LECT-DISC						STAFF
					DERGRADUATE	S AND I	GRADUATES	
REC	PREREQUI	RODUCTION TO SITE: REC. OR 1/2 OR LECT-DISC	100 AND	ADVANCED	UNDERGRADU			PEZOLDT
	75160	[601-0130		10-12 10-12	м	160	ARMORY COM W	PEZULDI
REC	PREREQUI INSTRUCT	REATIONAL USITE: PEC.	100, GE	UBLIC LANG	OS. AND ECON 10	8, OR (	CONSENT OF	
	75197	OR 1/2 OR LECT-DISC	IONII	7-PM	М	154	ARMORY	VAN METER
			CO	UPSES FOR	GR AD UA TES			
REC		NDATIONS OF SITE: REC.						
		LECT-DISC		10-12	TH	429	ARMORY	SAPORA
REC	403 EVA PREREQUI 1 UNIT	SITE: REC 10	RECREAT 00 OR 3	ION RESCUR	JIVALENT.			
	75215	LECT-DISC LAB		3-5 1-3	TU TH M	429 ARR	ARMORY	BISHOP
REC	490 SEM 0 CREDIT 75222	INAR. LECT-DISC		10-12	TU	429	ARMORY	SAPGPA
REC	493 SPE PREREQUI 1/2 TO 2	SITE: REC.	403 OR	E QUIVALENT	, RECREATI	ON MAJO	)R.	
	75230	LECT-DISC			M W	133	ARMORY	BISHOP AND LINFORD
	75247 75254 75261 75279 75286	CONF CONF CONF CONF	C D	ARR ARR ARR ARR ARR				FRYE SAPORA WEAVER ELLIS STAFF

REC

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STAFF

#### RELIGIOUS STUDIES

DEPARTMENT OFFICE

361 1 H

THIS PROGRAM IS SPONSORED BY THE COMMITTEE ON RELIGIOUS STUDY. THE FACULTY ADVISER FOR MINORS IN THIS PROGRAM IS PROFESSOR JOHN J. BATEMAN, 361 LINCOLN HALL.

THE MINOR IN RELIGIOUS STUDIES REQUIRES AT LEAST TWENTY SEMESTER HOURS (INCLUDING HUMANITIES 201 AND 202) DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE LIST BELOW.

FOR FULL COURSE DESCRIPTIONS, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

ANT HROPOLOGY

CLASSICAL CIVILIZATION 111

363

201, 202, 203, 205, 206, 208

HUMANITIES

304, 306, 307, 397, 398, 399

PHILOSOPHY

110, 304, 324, 361, 362, 363

SOCIOLOGY

229. 328

RHETORIC
INCLUDING RHETORIC AND COMPOSITION, ENGLISH
AS A SECOND LANGUAGE, AND BUSINESS AND TECHNICAL WRITING

RHETORIC AND COMPOSITION

DEPARTMENT OFFICE

100 E B

MAJOR: TWENTY HOURS IN ENGLISH, INCLUDING TEN HOURS IN LITERATURE (CHOSEN FROM ENGLISH 131 AND ENGLISH COURSES AT THE 200 OR 300 LEVELS) AND TEN HOURS OF WRITING (CHOSEN FROM RHETDRIC 143, 144, 205, 206, 227, 246, 255, 263, AND 330). AT LEAST ONE COURSE IN EXPOSITORY WRITING (RHETORIC 143, 227) IS REQUIRED. WITH AN ADVISOR'S PERMISSION, SPEECH 363 OR JOURNALISM 326 MAY BE COUNTED TOWARD THE MAJOR. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

MINOR: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR THO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPECCH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED. NO LANGUAGE COURSES WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJOR OF THEIR DEPARTMENT ACTOR FROM THE MAJOR LATTIN 101, 102, 103, PORTUGUESE 103, 104, RUSSIAN 103, 104, AND SPANISH 103, 104. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED. STUDENTS INTENDING TO DO GRADUATE WORK SHOULD CONSULT THE LANGUAGE REQUIREMENTS OF THE GRADUATE COLLEGE AND THE ENGLISH DEPARTMENT WHEN THEY PLAN THEIR MINOR PROGRAMS.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: A STUDENT MAJORING IN RHETORIC AND COMPOSITION WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR HIGHER) MAY EARN DISTINCTION ONLY BY COMPLETING NINE HOURS OF HONORS WORK IN ADDITION TO THE MINIMUM NUMBER OF HOURS REQUIRED FOR HIS MAJOR. THIS ADDITIONAL CREDIT MUST INVOLVE A SIGNIFICANT WRITING PROJECT IN RHETORIC 255, THE COMPLETION OF ENGLISH 297, AND ANY TWO OF THE FOLLOWING THREE HONORS COURSES: ENGLISH 197, 295, 296. THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE INSTRUCTORS IN CHARGE OF THE COURSES AND THE HONORS COMMITTEE. TO RECEIVE HIGH DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGHEST DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.75. IN THE OPINION OF HIS INSTRUCTORS AND THE COMMITTEE, A CANDIDATE HAS NOT EARNED DISTINCTION, HE MAY STILL RECEIVE CREDIT FOR THE COURSES

# COURSES FOR UNDERGRADUATES

# RHET 101 FRESHMAN RHETORIC AND COMPOSITION. 3 HOURS

\*ENROLLMENT IN STARRED SECTIONS RESTRICTED TO RESIDENTS IN THE

RESI	DENCE HALLS.								
75304	LECT+DISC	A1	8	М	W	F	242	ARMORY	
75311	LECT-DISC	A2	8	M	W	F	243	ARMORY	
75329	LECT-DISC	A3	8	M	W	F	337	ARMORY	
75336	LECT-DISC	A4	8	M	W	F	9	C A	
75343	LECT-DISC	A5	8	M	W	F	320	CER	
75351	LECT-DISC	A6	8	M	W	F	136	EEB	
75368	LECT-DISC	A7	8	M	W	F	248	MEB	
75375	LECT-DISC	A8	8	M	W	F	109	N L	
75382	LECT-DISC	A9	8	M	W	F	156	MEB	
75390	LECT-DISC	B1	9	M	W	F	242	ARMORY	
75401	LECT-DISC	B 2	9	M	W		243	ARMORY	
75418	LECT-DISC	В3	9	M	W	F	221	GH	
75425	LECT-DISC	84	9	M	W	F	9	C A	
75432	LECT-DISC	85	9	M	W	F	320	CER	
75440	LECT-DISC	36	9	М	W	F	136	E E 8	
75457	LECT-DISC	87	9	M	W	F	248	MEB	
75464	LECT-DISC	B8	9	M	W	F	238	MEB	
75471	LECT-DISC	B9	9	M	W	F	244	MEB	
75489	LECT-DISC	C 1	10	M	W	F	242	ARMORY	
75496	LECT-DISC	C 2	10	M	W	F	243	ARMORY	
75507	LECT-DISC	C 3	10	M	W	F	328	DKH	
75514	LECT-DISC	C 4	10	M	W	F	9	CA	
75521	LECT-DISC	C 5	10	М	W	F	320	CER	
75539	LECT-DISC	C 6	10	M	W	F	136	EEB	
75546	LECT-DISC	C 7	10	М	W	F	248	MEB	
75553	LECT-DISC	C 8	10	M	W	F	238	M E B	
75561	LECT-DISC	C 9	10	М	W	F	244	MEB	
77006	LECT-DISC	*C10	10	М	W	F	ETV	PAR	
75578	LECT-DISC	D 1	11	М	W	F	242	ARMORY	
75585	LECT-DISC	D 2	11	M	W	F	243	ARMORY	
75592	LECT-DISC	D 3	ii	M	W	F	156	MEB	
75603	LECT-DISC	D 4		M	W	F	150	CA	
75611	LECT-DISC	D 5	11	M		F	320	CER	
75628	LECT-DISC	D 6	11	M	W	F	136	EEB	
75635	LECT-DISC	0 7	11	M		F	248	MEB	
					W	F			
75642	LECT-DISC	D 8	11	M	W		238	MEB	
75650	LECT-DISC	D 9	11	M	W	F	244	MEB	
77013		*D10	11	M	W	F	E TV	PAR	
75667	LECT-DISC	X1	12	M	W	F	242	ARMORY	
75674	LECT-DISC	Х2	12	M	W	F	243	ARMORY	
75681	LECT-DISC	Х3	12	M	W	F	156	MEB	
75699	LECT-DISC	X4	12	M	W	F	9	CA	
75700	LECT-DISC	X5	12	M	W	F	320	CER	
75717	LECT-DISC	Х6	12	M	W	F	136	EEB	
75724	LECT-DISC	X7	12	М	W	F	248	MEB	
75731	LECT-DISC	X 8	12	M	W	F	238	MEB	
75749	LECT-DISC	X9	12	M	W	F	244	MEB	
75756	LECT-DISC	E 1	1	M	W	F	242	ARMORY	
75763	LECT-DISC	E2	1	M	W	F	243	ARMORY	
75771	LECT-DISC	E3	1	M	W	F	156	MEB	
75788	LECT-DISC	E4	1	M	W	F	19	C A	
75795	LECT-DISC	E5	i	М	W	F	320	CER	
75806	LECT-DISC	E6	1	M	W	F	136	EEB	
75813	LECT-DISC	E7	1	М	W	F	154	ARMORY	

T	101 COI 75821	NTINUED LECT-DISC	€8	1·	M W F	238	M E 8
	75838	LECT-DISC	E9	1	M W F	244	MEB
	75845	LECT-DISC	F 1	2	M W F	242	ARMORY
	75852	LECT-DISC	F 2	2	M W F	243	ARMORY
	75860	LECT-DISC	F 3	2	M W F	252	MEB
	75877 75884	LECT-DISC LECT-DISC	F 4	2 2	MWF	9 320	C A CER
	75891	LECT-DISC	F 6	2	MWF	136	EEB
	75902	LECT-DISC	F 7	2	M W F	156	MEB
	75910	LECT-DISC	F 8	2	MWF	238	MEB
	75927	LECT-DISC LECT-DISC	F 9 ≠F10	2 2	M W F	244 E TV	MEBPAR
	77021 75934	LECT-DISC	G 1	3	M W F	242	ARMORY
	75941	LECT-DISC	G 2	3	MWF	243	ARMORY
	75959	LECT-DISC	G 3	3	M W F	333	ARMORY
	75966	LECT-DISC	G 4	3	M W F	9	C A
	75973 75981	LECT-DISC LECT-DISC	G 5	3	MWF	320 136	CER E E B
	75998	LECT-DISC	G 7	3	MWF	221	GH
	76001	LECT-DISC	G 8	3	MWF	240	Ł H
	76018	LECT-DISC	G 9	3	M W F	108	SURV BLDG
	76025	LECT-DISC	G10	3	M W F	252	M E B
	76032 76040	LECT-DISC LECT-DISC	H 1	4	MWF	147 241	ARMORY ARMORY
	76057	LECT-DISC	H 3	4	MWF	242	ARMORY
	76064	LECT-DISC	H 4	4	4 W F	243	ARMORY
	76071	LECT-DISC	H 5	4.	M W F	328	ARMORY
	76089	LECT-DISC	н 6 н 7	4	M W F	333 33 <b>7</b>	ARMORY
	76096 76107	LECT-DISC LECT-DISC	H 8	4	M W F	331	C A
	76114	LECT-DISC	H 9	4	M W F	136	E E B
	76121	LECT-DISC	H10	4	M W F	119	E B
	76139	LECT-DISC	H11	4	M W F	240	L H
	76146	LECT-DISC	H12	8	M W F	108	SURV BLDG
	76153 76161	LECT-DISC LECT-DISC	L1 L2	8	TU TH S	205	E B
	76178	LECT-DISC	L3	8	TU TH S	117	E B
	76185	LECT-DISC	L4	8	TU TH S	201	ЕВ
	76192	LECT-DISC	M 1	9	TU TH S	205	E B
	76203 76211	LECT-DISC LECT-DISC	M2 M3	9	TU TH S	209 117	E B
	76228	LECT-DISC	M 4	9	TU TH S	201	E B
	76235	LECT-DISC	M5	9	TU TH S	108	SURV BLDG
	76242	LECT-DISC	N1	10	TU TH S	102	LH
	76250	LECT-DISC	N2	10	TU TH S	105	H H
	76267 76274	LECT-DISC LECT-DISC	N3 N4	10	TU TH S	108 312	SURV BLDG
	76281	LECT-DISC	P1	11	TU TH S	108	SURV BLDG
	76299	LECT-DISC	P2	11	TU TH S	312	N L
	76300	LECT-DISC	Р3	11	TU TH S	156	M E B
	76317 76324	LECT-DISC LECT-DISC	P4 J 1	11 9-1030	TU TH S	252 147	M E B ARMORY
	76331	LECT-DISC	J 2	9-1030	TU TH	242	ARMORY
	76349	LECT-DISC	J 3	9-1030	TU TH	243	ARMORY
	76356	LECT-DISC	J 4	9-1030	TU TH	328	ARMORY
	76363	LECT-DISC	J 5	9-1030	TU TH TU TH	333 337	ARMORY ARMORY
	76371 76388	LECT-DISC LECT-DISC	J 6	9-1030 9-1030	TU TH	320	CER
	76395	LECT-DISC	J 8	9-1030	TU TH	310	DKH
	76406	LECT-DISC	19	9-1030	TU TH	312	DKH
	76413	LECT-DISC	J10	9-1030	TU TH	136	E E B
	76421 <b>7</b> 6438	LECT-DISC LECT-DISC	J11	9-1030 9-1030	TU TH	248 252	M E B
	76445	LECT-DISC	K 1	1030-12	TU TH	147	ARMORY
	76452	LECT-DISC	K 2	1030-12	TU TH	242	ARMORY
	76460	LECT-DISC	K 3	1030-12	TU TH	243	ARMORY
	76477	LECT-DISC	K 4	1030-12	TU TH	328	ARMORY
	76484 76491	LECT-DISC LECT-DISC	K 5 K 6	1030-12 1030-12	TU TH TU TH	333 337	ARMORY ARMORY
	76502	LÉCT-DISC	K 7	1030-12	TU TH	320	CER
	76510	LECT-DISC	K 8	1030-12	TU TH	310	DKH
	76527	LECT-DISC	K 9	1030-12	TU TH	312	DKH
	76534	LECT-DISC	K10	1030-12	TU TH	136	EEB
	76541 76559	LECT-DISC LECT-DISC	K11	1030-12	TU TH	248 108	M E 8 E 8
	76559	LECT-DISC	0.2	11-1230 11-1230	TU TH	108	H H
	76573	LECT-DISC	03	11-1230	TU TH	196	L H
	76581	LECT-DISC	04	11-1230	TU TH	240	L H
	76598	LECT-DISC	Q1	12-130	TU TH	147	ARMORY

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ET	101 CON 76609	TINUED LECT-DISC	0.2	12-130	TU :	fH.	241	ARMORY
	76616	LECT-DISC	Q3	12-130		rH .	242	ARMORY
	76623	LECT-DISC	04	12-130		FΗ	243	ARMORY
	76631	LECT-DISC	05	12-130		TН	337	ARMOR Y
	76648	LECT-DISC	Q6	12-130		rH	320	CER
	76655	LECT-DISC	07	12-130		TH	136	E E B
	76662	LECT-DISC	Q8	12-130		TH	304	LH
	76670	LECT-DISC	09	12-130	TU		248	MEB
	76687	LECT-DISC	R1	12-130	TU	1 13	156	MEB
	10001	FECIPOISC						
	7//0/	LECT DICC	R1	1-3		FH	156	
	76694	FECT-DISC	R2	1	TU		244	MEB
	2.200		R2	1-3		ſН	244	MEB
	76705	LEC T-DISC	R3	1	TU		156	ADMIN
			R 3	1-3		TH	156	ADMIN
	76712	LECT-DISC	R4	1	TU		362	LH
			R 4	1-3		TH	362	LH
	76720	LECT-DISC	S 1	2	TU		302	ŁH
			51	4-6		ГН	302	LH
	76737	LECT-DISC	52	2	TU		108	E B
			52	4-6		FН	108	E B
	76744	LECT-DISC	\$3	2	TU		201	E B
			S 3	4-6		TH	201	E 8
	76751	LECT-DISC	54	2	TU		205	E B
			54	4-6	1	ΓH	205	E B
	76769	LECT-DISC	S 5	2	TU		209	E B
			S 5	4-6	,	ГН	209	E B
	76776	LECT-DISC	56	2	TU		105	н н
			56	4-6		TH	105	H H
	76783	LECT-DISC	T1	3-5	TU		196	LH
			T1	3		ГН	196	LH
	76791	LECT-DISC	T2	3-5	TU		156	MEB
			T2	3		ГН	156	MEB
	76801	LECT-DISC	13	3-5	TU		144	BEV HALI
	.0002		T3	3		ГН	144	BEV HALL
	76819	LECT-DISC	U1	130-3	TU		147	ARMORY
	76826	LECT-DISC	U2	130-3		TH	241	ARMORY
	76833	LECT-DISC	U3	130-3	TU		242	ARMORY
	76841	LECT-DISC	U4	130-3		TH	243	ARMORY
	76858	LECT-DISC	U5	130-3		ГН	337	ARMORY
	76865	LECT-DISC	U6	130-3		ГН	320	CER
	76872	LECT-DISC	U7	130-3		TH	136	E E B
	76880	LECT-DISC	U8	130-3		EH	248	MEB
	76897	LECT-DISC	W1	1-230	TU .		64	MEB
				1-230				
	76908	LECT-DISC	W2			ГH	252	
	76915	LECT-DISC	Yl	230-4		TH	64	M E B
	76922	LECT-DISC	Y 2	230-4		TH	252	M E B
	76930	LECT-DISC	Z 1	3-430		H	147	ARMORY
	76947	LECT-DISC	22	3-430		TH	241	ARMORY
	76954	LECT-DISC	23	3-430		ľН	242	ARMORY
	76961	LECT-DISC	Z4	3-430		гн	243	ARMORY
	<b>7</b> 6979	LECT-DISC	Z 5	3-430		TH	337	ARMORY
	76986	LECT-DISC	26	3-430		TH	320	CER
	76993	LECT-DISC	2.7	3-430	TU	H	136	E E 8

RHET 102 FRESHMAN RHETORIC AND COMPOSITION. PREREQUISITE: RHET. 101.

PREREQU	ISITE: RHET.	101.					
3 HOURS							
77038	LECT-DISC	Al	8	M	W F	221	G H
77045	LECT-DISC	A2	8	M	W F	241	ARMORY
77052	LECT-DISC	81	9	M	w F	147	ARMORY
77060	LECT-DISC	82	9	M	WF	329	ARMORY
77077	LECT-DISC	CI	10	M	W F	315	GH
77084	LECT-DISC	CZ	10	M	WF	316N	M H
77091	LECT-DISC	Dl	11	M	W F	221	GH
77102	LECT-DISC	D2	11	M	WF	141	A H
77110	LECT-DISC	X1	12	M	WF	303	E B
77127	LECT-DISC	X 2	12	M	W F	309	E B
77134	LECT-DISC	E1	1	M	W F	147	ARMORY
77141	LECT-DISC	E2	1	M	W F	241	ARMORY
77159	LECT-DISC	Fl	2 2	M	WF	147	ARMORY
77166	LECT-DISC	F2	2	M	W F	221	GH
77173	LECT-DISC	G1	3	M	WF	147	ARMORY
77181	LECT-DISC	G2	3	M	W F	241	ARMORY
77198	LECT-DISC	H1	4	74	WF	105	н н
77209	LECT-DISC	H2	4	M	W F	312	N Ł
77216	LECT-DISC	Jl	9-1030		U TH	109	N L
77223	LECT-DISC	J2	9-1030	T		64	MEB
77231	LECT-DISC	K1	1030-12	T		109	N L
77248	LECT-DISC	K2	1030-12	T	U TH	64	M E B
77255	LECT-DISC	Q1	12-130	T		206	DKH
77262	LECT-DISC	Ul	1-230	T		238	M E B
77270	LECT-DISC	T 1	330-5	T	U TH	154	ADMIN
77287	LECT-DISC	T 2	330-5	T	U TH	206	DKH

WRITING LABORATORY.

PREREQUISITE: CONCURRENT REGISTRATION IN RHET. 101 OR 102 OR IN VERBAL COMMUNICATION.

\*MAY BE REPEATED FOR A TOTAL OF 2 SEMESTER-HOURS OF CREDIT. RHET 103 #1 HOUR STUDENTS SHOULD CONTACT THE RHETORIC OFFICE FOR ASSIGNMENT TO A TUTOR . ARR

77294

CONF

RHET 108 FRESHMAN RHETORIC FOR SUPERIOR STUDENTS.

PREREQUISITE: RHET. 101 OR EXEMPTION FROM RHET. 101, OR RHET. 107.

1208 W CAL

*CREDIT	IS NOT GIVE	EN FOR	RHET. 108	IN ADDITION	TO RHI	ET. 102.
77305	LECT-DISC	& A1	8	M W F	259	E B
77312	LECT-DISC	EA2	8	MWF	105	н н
77320	LECT-DISC	& B 1	9	MWF	109	N L
77337	LECT-DISC	£82	9	M W F	108	SURV BLDG
77344	LECT-DISC	883	9	M W F	241	ARMORY
77351	LECT-DISC	£ C 1	10	M W F	206	DKH
77369	LECT-DISC	&C 2	10	M W F	241	ARMORY
77376	LECT-DISC	£C3	10	M W F	147	ARMORY
77383	LECT-DISC	& D1	11	M W F	206	DKH
77391	LECT-DISC	ED2	11	M W F	241	ARMORY
77401	LECT-DISC	EXI	12	M W E	108	SURV BLDG
77419	LECT-DISC	8 X 2	12	MWF	111	LH
77426	LECT-DISC	£ X 3	12	M W F	241	ARMORY
77433	LECT-DISC	& E1	1	M W F	206	DKH
77441	LECT-DISC	£ E 2	1	M W F	109	N L
77458	LECT-DISC	8 E 3	1	M W F	108	SURV BLDG
77465	LECT-DISC	& E4	1	M W F	325	DKH
77472	LECT-DISC	8F1	2	M W F	206	DKH
77480	LECT-DISC	&F2	2	M W F	109	N L
77497	LECT-DISC	&F3	2	M W F	108	SURV BLDG
77508	LECT-DISC	&F4	2	M W F	332	ARMORY
77515	LECT-DISC	&G1	3	M W F	109	N L
77522	LECT-DISC	&G2	3	MWF	282	BEV HALL
77530	LECT-DISC	&G3	3	M W F	206	DKH
77547	LECT-DISC	& G 4	3	H W F	312	N L
77554	LECT-DISC	1143	4	M W F	142	ADMIN
77561	LECT-DISC	& H2	4	M W F	282	BEV HALL
77579	LECT-DISC	£H3	4	MWF	206	DKH
77586	LECT-DISC	8H4	4	M W F	223	E B
77593	LECT-DISC	£ J1	9-1030		142	ADMIN
77604	LECT-DISC	£ J 2	9-1030	TU TH	252	ADMIN
77611	LECT-DISC	£13	9-1030		282	BEV HALL
77629	LECT-DISC	8 K 1	1030-12	TU TH	142	ADMIN
77636	LECT-DISC	&K2	1030-12	TU TH	25-2	ADMIN
77643	LECT-DISC	&K3	1030-12	TU TH	206	DKH
77651	LECT-DISC	103	11-1230		137	ADMIN
77668	LECT-DISC	203	11-1230		205	E B
77675	LECT-DISC	٤03	11-1230		209	E B
77682	LECT-DISC	193	12-130	TU TH	252	ADMIN
77690	LECT-DISC	£ Q 2	12-130	TU TH	210A	E B
77701	LECT-DISC	£ U1	1-230	TU TH	282	BEV HALL
77718	LECT-DISC	£U2	1-230	TU TH	109	N L
77725	LECT-DISC	£U3	1-230	TU TH	312	N L
77732	LECT-DISC	£U4	1-230	TU TH	108	SURV BLDG
77740	LECT-DISC	LW3	2-330	TU TH	206	DKH
77757	LECT-DISC	& W2	2-330	TU TH	154	ADMIN
77764	LECT-DISC	LYB	230-4	TU TH	282	BEV HALL
77771	LECT-DISC	£Y2	230-4	TU TH	109	N Ł
77789	LECT-DISC	123	3-430	TU TH	312	N L
77796	LECT-DISC	£ Z 2	3-430	TU TH	108	SURV BLDG

RHET 133

PRINCIPLES OF COMPOSITION.

PREREQUISITE: RHET. 102 OR EQUIVALENT.

\*CREDIT IS NOT GIVEN FOR RHET. 133 IN ADDITION TO RHET. 143.

\*3 HOURS

TO HOURS	3							
77807	LECT-DISC	A	8	M 1	W F	210A	Е	В
77814	LECT-DISC	В	9	M I	W F	194	L	H
77821	LECT-DISC	E	1	M I	W F	210B	E	В
77839	LECT-DISC	K	8	TU	TH	194	Ł	H
		K	9	TU		194	L	Н
77846	LECT-DISC	0	11	TU		223	Ε	B
		0	12	TU	TH	223	Е	В
77853	LECT-DISC	P	1	TU	TH	223	E	В
		P	2		TH	223	F	B

```
INTERMEDIATE EXPOSITORY WRITING.
RHET 143
         PREREQUISITE: A GRADE OF A OR B IN RHET. 102 OR EQUIVALENT OR
         CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR RHET. 143 IN ADDITION TO RHET. 133.
         *3 HOURS
       77861
                   LECT-DISC
                               Α
                                         8
                                                              210B E B
                                                  М
                                                     W
       77878
                   LECT-DISC
                               X
                                        12
                                                              194
                                                        E
                                                              210B E B
       77885
                   LECT-DISC
                               F
                                         2
                                                  М
       77892
                   LECT-DISC
                               G
                                         3
                                                  М
                                                     W
                                                              194 L H
                                                              210A E B
                               K
                                         8
                                                   TU
       77903
                   LECT-DISC
                                         9
                                                   TU TH
                                                              210A E B
RHET
     144
           NARRATIVE WRITING.
         PREREQUISITE: RHET. 102 OR EQUIVALENT, SOPHOMORE STANDING.
         3 HOURS
                                                              210A E B
       77911
                   LECT-DISC
                   LECT-DISC
                                        10
                                                     W
                                                              210A E B
       77928
                               C
                                                              210A E B
                   LECT-DISC
       77935
                               n
                                        11
                   LECT-DISC
                               F
                                                  М
                                                              210A E B
                                         2
       77942
                                                              152 ADMIN
                               P1
                                                  TU TH
       77950
                   LECT-DISC
                                         1
                                                              152 ADMIN
307 E B
                               PI
                                         2
                                                   TU
                               P2
                                                   TU TH
       77967
                   LECT-DISC
                                         1
                                                   TU
TU TH
                                                                  E B
L H
                               P2
                                         2
                                                              307
       77974
                   LECT-DISC
                               R 1
                                         3
                                                              194
                                                              194 L H
259 E B
                               R1
                                         4
                                                   TU
                                                   TU TH
       77981
                   LECT-DISC
                               R2
                                         3
                                                              259 E B
                                                   TU
      145 POETRY WRITING.
RHET
         PREREQUISITE: RHET. 102 OR CONSENT OF INSTRUCTOR.
         3 HOURS
                                                                                    LIEBERMAN
                               P 1
                                                   TU TH
                                                              119 E B
       77999
                   LECT-DISC
                                                              119 E B
9 G H
                               P1
                                         2
                                                   TU
                               R1
                                         3
                                                   TU TH
                                                                                    VANWALLEGHE
       78001
                   LECT-DISC
                                                                   G H
                                                   TH
                               R 1
                                         4
       199 UNDERGRADUATE OPEN SEMINAR.
RHET
         *MAY BE REPEATED.
          *0 TO 9 HOURS
        78019
                  CONF
                           COURSES FOR ADVANCED UNDERGRADUATES
RHET
             COMMUNICATIONS WORKSHOP.
         3 HOURS
                                        2
                                                 M W F
                                                              194 L H
                                                                                   DAVIS
        78026
                   LECT-DISC F
              ADVANCED NARRATIVE WRITING, 1.
         PREREQUISITE: RHET. 144 OR EQUIVALENT.
          3 HOURS
                                                                                   SCOUFFOS
                                                              307 E B
                    LECT-DISC C
                                        10
        78033
                                                  M W
                                                              210A E B
                                                                                    FREMENT
                   LECT-DISC
                              X
                                                         F
        78041
                                        12
                                                                                    CURLEY
        78058
                   LECT-DISC
              ADVANCED NARRATIVE WRITING, II.
RHET 206
         PREREQUISITE: RHET. 205.
          3 HOURS
                                                                                    COSTELLO
                   LECT-DISC V
                                         7-830PM TU TH
                                                              210A E B
       78065
               ADVANCED EXPOSITORY WRITING.
         PREREQUISITE: RHET. 133 OR 143, OR CONSENT OF INSTRUCTOR.
          3 HOURS
                                                              307 E 8
307 E B
                                                                                    TILLMAN
        78072
                   LECT-DISC L
                                         9
                                                   TU TH
                                     10
                                                   TU
          5 CREATIVE WRITING.
STUDENTS MUST SEE THE INSTRUCTOR DURING THE FIRST WEEK OF CLASSES
RHET 255
          TO ARRANGE A CONFERENCE SCHEDULE.
          PREREQUISITE: A PREPARATORY COURSE IN ADVANCED WRITING (RHET. 205, 206, 227 OR 330; OR SPCH. 263 OR 363); OR CONSENT OF INSTRUCTOR. *STUDENTS MAY ACCUMULATE FOUR HOURS.
          *2 HOURS
          INSTRUCTORS: CURLEY, FUMENTO, LIEBERMAN, TIBBETTS, TILLMAN.
                                                                                    STAFF
```

CURLEY

ARR

ARR

C ONF C ONF Y

78080

78097

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RHET 330 THE WRITING OF POETRY.

PREREQUISITE: RHET. 145, JUNIOR STANDING, AND SIX HOURS OF ENGLISH LITERATURE, OR CONSENT OF INSTRUCTOR.

\*STUDENTS MAY ACCUMULATE SIX HOURS.

\*3 HOURS OR 3/4 UNIT 78108 LECT-DISC R

78108 LECT-DISC R 3 TU TH 307 E B LIEBERMAN
R 4 TH 307 E B

78115 CONF Y ARR

ENGLISH AS A SECOND LANGUAGE

DEPARTMENT OFFICE

317 E B

NOTE: NO STUDENT, WITH THE EXCEPTION OF THOSE WHO RECEIVED A SCORE OF 90 OR ABOVE ON THE OVERSEAS TEST, IS PERMITTED TO REGISTER FOR ANY COURSE IN REMEDIAL RHETORIC (109, 110, AND 111) OR SERVICE RHETORIC (114, 115, 400, AND 401) IN ENGLISH AS A SECOND LANGUAGE UNTIL HE HAS TAKEN THE PLACEMENT TEST IN ENGLISH AS A SECOND LANGUAGE. AUDITORS ARE NOT PERMITTED. RHETORIC 114 AND 115 FULFILL GRADUATION REQUIREMENTS IN RHETORIC. STUDENTS MAY BE REQUIRED TO TAKE REMEDIAL COURSES BEFORE THEY ARE PERMITTED TO TAKE RHET. 114. ADVISERS SHOULD CONSULT THE UNDERGRADUATE STUDY BULLETIN UNDER THE SECTION ENTITLED "GENERAL REQUIREMENTS FOR GRADUATION (ENGLISH)" FOR THE DEFINITION OF A FOREIGN STUDENT.

# COURSES FOR UNDERGRADUATES

RHET 109 ENGLISH AS A SECOND LANGUAGE.

PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST.

O CREDIT

78122 LECT-DISC A 8-10 M W F 307 E B
78130 LECT-QISC E 1-3 M W F 248 M E B
78147 LECT-DISC N 10-12 TU TH S 241 ARMORY

RHET 110 ENGLISH AS A SECOND LANGUAGE.

PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

O CREDIT

\*SECTION ARR IS A SPECIAL SECTION IN ADVANCED COMMUNICATION. LECT-DISC A 78154 M W F 119 8 E B 78161 LECT-DISC В 9 MEB 156 LECT-DISC 156 78179 C 10 M W F MEB LECT-DISC 78186 м E B 11 12 307 F B 78193 ARMORY F 2 M W E 241 r. F 78204 LECT-DISC 307 F B 3 H LECT-DISC TU TH S 78211 14 q 252 FFR LECT-DISC \*ARR 78229 ARR

RHET 111 ENGLISH AS A SECOND LANGUAGE.

PREREQUISITE: RHET. 109, RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

O CREDIT

78236 LECT-DISC 8-10 E 252 EEB - A 78243 LECT-DISC 9-11 В м F 119 E B C C1 78251 LECT-DISC 10-12 М F 252 E E B 10-12 78268 LECT-DISC м W F 194 LH 78275 LECT-DISC 1-3 м F E 1 W 252 EEB 78282 LECT-DISC 1-3 F M 307 F B G M W F TU TH S TU TH S LECT-DISC 78290 3-5 М 252 E E B LECT-DISC N 78301 10-12 252 E E А 78318 LECT-DISC N1 N2 10-12 259 E B 78325 LECT-DISC 10-12 THE THIS 117 E B

RHET 114 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.

PREREQUISITE: RHET. 111, RECOMMENDATION FROM OVERSEAS TEST OR

ILLINDIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

\*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH
FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.

\*O OR 3 HOURS

78332 LECT-DISC X 12 M W F 119 E B 78340 LECT-DISC F 2 M W F 119 E B

RHET 115 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.

PREREQUISITE: RHET. 114 AND/OR RECOMMENDATION FROM OVERSEAS TEST OR

ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

\*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH
FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.

\*0 OR 3 HOURS

78357 LECT-DISC E 1 M W F 119 E B

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RHET 379 AMERICAN LANGUAGE AND LITERATURE.

THIS COURSE IS OPEN TO ANY FOREIGN STUDENT WHO HAS COMPLETED PHET. 109, 110, AND 111 OR WHO WAS NOT REQUIRED TO TAKE THOSE COURSES.

O CREDIT

78364 LECT-DISC ARR

RHET 388 LINGUISTICS IN LANGUAGE LEARNING, I.

SAME AS LING. 388.

PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE OR EQUIVALENT, CONSENT OF INSTRUCTOR.

4 HOURS OR 3/4 UNIT

78371 LECT-DISC G 3 M W F 337 ARMORY

RHET 389 LINGUISTICS IN LANGUAGE LEARNING, II.

SAME AS LING. 389.

PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.

4 HOURS OR 3/4 UNIT

78389 LECT-DISC D 11 M W F 119 E 8

# COURSES FOR GRADUATES

RHET 400 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR GRADUATE FOREIGN STUDENTS, I.

PREREQUISITE: GRADUATE STANDING AND RHET. 111, OR CONSENT OF INSTRUCTOR.

0 TO 4 HOURS (NO GRADUATE CREDIT)
78396 LECT-DISC ARR
78407 LECT-DISC L 8+10 TU 119 E B
L 9 TH 119 E B

RHET 401 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR GRADUATE FOREIGN STUDENTS, II.

PREFEQUISITE: GRADUATE STANDING AND RHET. 400, CR CONSENT OF INSTRUCTOR.

O TO 4 HOURS (NO GRADUATE CREDIT)
78414 LECT-DISC ARR

RHET 419 CONTRASTIVE ANALYSIS.

SAME AS LING. 419.

PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT

78421 LECT-DISC ARR

# BUSINESS AND TECHNICAL WRITING

DEPARTMENT OFFICE

313 D K H

# COURSES FOR UNDERGRADUATES

RHET 199 UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED.

\*0 TO 9 HOURS

78439 CONF ARR

313 DKH WEEKS

# COURSES FOR ADVANCED UNDERGRADUATES

RHET

251 BUSINESS WRITING.
PREREQUISITE: RHET. 101 AND 102, OR EQUIVALENT.

3 HOURS													
STUDENTS	SHOULD	ENROLL	IN ONE	LECTURE	ANI	D ON	E D	ISCUSS	SIC	ì۷.			
78446	LECT	ĭ	4	9		TH		319	G	Н		GIESELMAN	
78453	LECT	2	10	3	TU			319	G	Н		WEEKS	
78461	LECT	3	1.7	2 1	М			114	Ð	К	H	WEEKS	
78478	LECT	4	1.	2	V	M		114	Ð	K	H	GIESELMAN	
78485	DISC	A1	1	8 (	M V	nl .		326	Đ	K	H	INSTRUCTOR	А
78492	DISC	A 2	1	В	- 1	₩ F		306	D	Κ	H	HARRIS	
78503	DISC	B 1		9 1	M ii	ii.		326	D	K	H	INSTRUCTOR	Α
78511	DISC	82	4	9	¥	# F		306	D	Κ	H	HARRIS	
78528	DISC	C 1	10	0 1	M V	M		306	Ð	K	H	GIESELMAN	
78535	DISC	DI	1	1	- 1	√ E		326	D	K	H	CHAPDU	
78542	DISC	DS	1.			W F		306	D	К		DOUGLAS	
78550	DISC	E 1			Ч	F		326	D	K		CHAPDU	
78567	DISC	E2			ч	F		306	D	K		INSTRUCTOR	
78574	DISC	F1				M.		306	D	K		INSTRUCTOR	
78581	DISC	F2			4 k			326	D		H		В
78599	DISC	Łl		В		TH		326	D		H	HARRIS	
78600	DISC	M 1		9	TU	TH		306	D	К		INSTRUCTOR	Α
78617	DISC	N1	10			THE		306	D	K		DOUGLAS	
78624	DISC	P1	1		TU	TH		306	Đ	K		WEEKS	
78631	DISC	X 1	1.		V	N F		326	D	K	H	CHAPDU	
78649	DISC	X 2	1.		4	F		306	D	K	H	INSTRUCTOR	
78656	DISC	Q	1.		TU	TH		326	D	Κ	H		
78663	DISC	S		2	TU	TH		326	D	К	H	INSTRUCTOR	C

RHET 271 SALES WRITING.

SAME AS ADV. 288.

PREREQUISITE: RHET. 102 OR EQUIVALENT.

2 HOURS

78671	LECT-DISC	C	10	M W	326	D	K	Н	MAGUIRE
78688	LECT-DISC	M	9	TU TH	326	D	K	Н	MAGUIRE
78695	LECT-DISC	Р	11	TU TH	326	D	Κ	Н	MAGUIRE

RHET 272 REPORT WRITING.
PREREQUISITE: RHET. 102 OR EQUIVALENT.

2 HOURS

\*STUDENTS CALL AT 313 D. K. H. DURING FIRST WEEK OF CLASSES TO ARRANGE CONFERENCE SCHEDULE. 3706 CONF \*Y ARR

78706

GIESELMAN

# RURAL SOCIOLOGY DEPARTMENT OF AGRICULTURAL ECONOMICS.

#### COURSES FOR UNDERGRADUATES

7 INTRODUCTION TO RURAL SOCIOLOGY.
\*NO CREDIT TO STUDENTS WITH CREDIT IN SOC. 100.

\*3 HOURS 78713

LECT-DISC C 1.0 M W F 3165 M H FOLSE

R SOC 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED.

\*0 TO 9 HOURS

78721 CONF

# COURSES FOR ADVANCED UNDERGRADUATES

POPULATION AND HUMAN ECOLOGY. R SOC 270

SAME AS SOC. 270.
PREREQUISITE: SOC. 100 OR 151, OR R. SOC. 117, JUNIOR STANDING.

3 HOURS

\*SECTION AT IS FOR AGRICULTURAL ECONOMICS MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. SOCIOLOGY MAJORS SEE

SOCIOLOGY 270.

78738 LECT-DISC \*A1

149 ADMIN 149 ADMIN 2-330 TU TH 78745 TU TH LECT-DISC \*A2 2-330

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

R SOC 343

SOCIAL CHANGE IN DEVELOPING AREAS.
SAME AS SOC. 343.
PREREQUISITE: SOC.100 OR 151 OR EQUIVALENT.

3 HOURS, DR 1/2 OR 1 UNIT B752 LECT-DISC A

78752 330-5 TU TH 300 L H

# COURSES FOR GRADUATES

POPULATION STUDIES AND DEMOGRAPHIC ANALYSIS.

SAME AS SOC. 407.

PREREQUISITE: TWELVE HOURS OF SOCIAL SCIENCE AND INTRODUCTORY STATISTICS OR MAJOR IN SOCIOLOGY, OR CONSENT OF INSTRUCTOR.

3/4 OR 1 UNIT

78760 LECT-DISC S TH 316N M H FOLSE 2-4

R SOC 487 SPECIAL PROBLEMS IN RURAL SOCIOLOGY.

SAME AS SOC. 487.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY,

CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT

78777 CONE ARR STAFF

#### RUSSIAN

SLAVIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 260 L H

MAJOR: TWENTY-FOUR HOURS OF COURSE WORK BEYOND RUSSIAN 115, AT LEAST NINE HOURS OF WHICH MUST BE IN COURSES AT THE 300-LEVEL.
MAJORS ARE REQUIRED TO TAKE A MINIMUM OF THREE LITERATURE COURSES WHICH ARE TAUGHT IN RUSSIAN AND ONE SURVEY COURSE TAUGHT IN FNGL ISH.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS FROM THE FOLLOW-ING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: ARABIC, EDUCATION, CHINESE, ENGLISH (EXCLUDING RHETORIC 101-102), FRENCH, GERMAN, GREEK, HINDI, HISTORY, ITALIAN, JAPANESE, LATIN, LIBRARY SCIENCE, LINGUISTICS, PHILOSOPHY, POLITICAL SCIENCE, PORTUGUESE, SPANISH, OR ANY MINOR SLAVIC LANGUAGE. THE FIRST SEMESTER OF COURSE WORK IN ANY FOREIGN LANGUAGE MAY NOT BE COUNTED TOWARD A MINOR IN THAT SUBJECT. THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES COMPRISING COURSES OUTSIDE THE SLAVIC DEPARTMENT MAY BE ACCEPTED AS A SOLE MINOR.

#### COURSES FOR UNDERGRADUATES

RUSS 1	101	FIRST-YFAR	RUSSIAN. I.	

FOR STUDENTS WHO HAVE NO CREDIT IN RUSSIAN.
\*NO CREDIT TOWARD GRADUATION IS GIVEN FOR RUSS. 101 WITHOUT RUSS . 102 .

\*4 HOURS ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, T3-T26 EXCEPT SECTIONS C, X AND E IN WHICH LANGUAGE LABORATORY IS OPTIONAL.

> STAFF STAFF STAFF STAFF STAFF STAFF STAFF

STAFF STAFF

EX IS	AN	HONORS SEC	TION.				
78784		LECT-DISC	Δ	8	MTUWTH	9	G H
78791		LECT-DISC	8	9	MTUWTH	305	G H
78802		LECT-DISC	C	10	MTUWTHE	305	G H
78810		LECT-DISC	D	11	MTUWTH	204	N L
79061		LECT-DISC	X.3	12	MTUWTHE	120	COM W
78827		LECT-DISC	Е	1	MIUWIHE	120	COM W
78834		LECT-DISC	F	2	MTUWTH	305	G H
78841		LAB	T 3	8-830	TU TH	210	L H
78859		LAB	T 4	830-9	TU TH	210	L H
78866		LAB	T 5	9-930	TU TH	210	LH
78873		LAB	T 6	930-10	TU TH	210	LH
78881		LAB	T 7	10-1030	TU TH	210	L H
78898		LAB	T 8	1030-11	TU TH	210	L H
78909		LAB	T 9	11-1130	TU TH	210	LH
78916		LAB	T10	1130-12	TU TH	210	L H
78923		LAB	T11	12-1230	TU TH	210	L H
78931		LAB	T12	1230-1	FU TH	210	L H
78948		LAB	T13	1-130	TU TH	210	L H
78955		LAB	T14	130-2	TU TH	210	L H
78962		LAB	T15	2-230	TU TH	210	L H
78970		LAB	T16	230-3	TU TH	210	L H
78987		LAB	T17	3-330	TU TH	210	L H
78994		LAB	T18	330-4	TU TH	210	L H
79007		LAB	T19	4-430	TU TH	210	L H
79014		LAB	T20	430-5	TU TH	210	L H
79021		LAB	T21	5-530	TU TH	210	L H
79039		LAB	T22	530-6	TU TH	210	LH
79046		LAB	T25	7-730PM	TU TH	210	LH
79053		LAB	T26	730-8PM	TU TH	210	LH

#### FIRST-YEAR RUSSIAN, II. RUSS 102 PREREQUISITE: RUSS. 101.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, T3-T26 EXCEPT SECTION C IN WHICH LANGUAGE LABORATORY IS OPTIONAL.

79078	LECT-DISC	C	10	MTUWTHE	304	G	H
79085	LECT-DISC	E	1	MTUWTH	204	N	L
79092	LAB	T 3	8-830	TU TH	210	£	Н
79103	LAB	T 4	830-9	TU TH	210	Ł	H
79111	LAB	T 5	9-930	TU TH	210	L	H
79128	LAB	T 6	930-10	TU TH	210	Ł	Н

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102 CONTINUED
RUSS 102
                                                   TU TH
                               T 7
                                        10-1030
                                                              210
        79142
                   LAB
                                      1030-11
                                                   TU TH
                                                               210
                               1 9
                                                               210
        79150
                   LAB
                                        11-1130
                                                   TU TH
        79167
                   LAB
                               T10
                                      1130-12
                                                   TU TH
                                                               210
        79174
                   LAB
                               T11
                                        12-1230
                                                   TU TH
                                                               210
        79181
                   LAB
                               T12
                                      1230-1
                                                   TU TH
                                                               210
        79199
                   LAB
                               T13
                                         1-130
                                                   TU TH
                                                               210
                                                   TU TH
        79200
                   LAB
                                T14
                                       130-2
                                                               210
        79217
                   LAB
                               T15
                                         2-230
                                                   TU TH
                                                               210
        79224
                   LAB
                                T16
                                       230-3
                                                   TU TH
                                                              210
                                                                    L
        79231
                   LAB
                               T17
                                         3-330
                                                   TU TH
                                                               210
                                                                    L
        79249
                   LAB
                                       330-4
                                                   TU TH
                               T18
                                                               210
                                                                    1
                                         4-430
        79256
                   LAB
                                T19
                                                   TU TH
                                                               210
                                                                    1
        79263
                   LAB
                               T20
                                       430-5
                                                   TO TH
                                                               210
                                                                      Н
                                                                    1
                                T21
        79271
                   I AR
                                         5-530
                                                   TU TH
                                                               210
                                                                    L
                                                                      Н
                                       530-6
        79288
                   LAB
                               T 22
                                                   TU TH
                                                               210
                                                                    LH
                                         7-730PM
        79295
                   LAB
                               T25
                                                   TU TH
                                                              210
                                                                    L H
                                       730-8PM
                               T26
        79306
                   LAB
                                                   TU TH
                                                              210
                                                                   4 H
RUSS 103
             SECOND-YEAR RUSSIAN, I.
         PREREQUISITE: RUSS. 102 OR EQUIVALENT.
          4 HOURS
          ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
         LABORATORY SECTIONS, T3-T26 EXCEPT SECTIONS C, D AND E IN WHICH LANGUAGE LABORATORY IS OPTIONAL.
          &C IS AN HONORS SECTION.
       79313
                 LECT-DISC
                                                  HTWUTH
                                                              204 N L
                                                                                     STAFF
        79570
                   LECT-DISC *&C
                                        10
                                                  MTUWTHE
                                                              216
                                                                    LH
                                                                                     DAWSON
                   LECT-DISC
                                       11
                                                                    COM W
        79321
                              D
                                                  MTUWTHE
                                                               120
                                                                                     STAFF
                               E
        79338
                   LECT-DISC
                                                  MTUWTHE
                                                                9
                                                                    GH
                                                                                     STAFF
                                         1
        79345
                   LECT-DISC
                                         2
                                                              300
                                                                                     STAFF
                               F
                                                  MTUWTH
                                                                    N L
        79352
                               T 3
                                    830-9
9-93
                                         8-830
                   LAB
                                                   TU TH
                                                              210
                                                                    L H
                                                   TU TH
                               T 4
        79360
                   LAB
                                                               210
                                                                    L H
                               T 5
                                        9-930
        79377
                   LAB
                                                   TU TH
                                                               210
                                                                    LH
                                     930-10
                               T 6
                                                   TH. TH
        79384
                   LAB
                                                                    L
                                                                      н
                                        10-1030
        79391
                   LAB
                                                   TU TH
                                                              210
                                                                    L B
                               T 8
                                      1030-11
       79402
                   LAB
                                                   TU TH
                                                               210
                                                                    L
                                                                      Н
        79410
                   LAB
                                        11-1130
                                                   TU TH
                                                              210
                                                                    Ł
                                     1130-12
        79427
                   LAB
                               T10
                                                   TU TH
                                                              210
                                                                    ٤
       79434
                   LAB
                               T11
                                        12-1230
                                                   TU TH
                                                              210
        79441
                   LAB
                               T12
                                     1230-1
                                                   TU TH
                                                               210
                                         1-130
       79459
                   LAB
                               T13
                                                   TU TH
                                                              210
                                                                    L
                                     130-2
        79466
                   LAB
                               T14
                                                   TU TH
                                                               210
        79473
                               T15
                                         2-230
                                                   TU TH
                   LAB
                                                              210
        79481
                   LA8
                               T16
                                       230-3
                                                   TU TH
                                                              210
                                                                    L
       79498
                   LAB
                               T17
                                         3-330
                                                   TU TH
                                                              210
        79509
                   LAB
                               T18
                                       330-4
                                                   TU TH
                                                              210
                                                                      Н
                                                                    L
       79516
                               T19
                                         4-430
                                                   TU TH
                                                               210
                   LAB
                                                                    L
                                                                      Н
        79523
                   LAB
                                       430-5
                                T20
                                                   TU TH
                                                               210
                                                                      н
       79531
                   LAB
                                T21
                                        5-530
                                                   THE TH
                                                               210
                                                                    Ł
                                                                      н
                                       530-6
7-730PM
       79548
                   LAB
                               T22
                                                   TH. TH.
                                                              210
                                                                    L
                                                                      н
       79555
                               T25
                                                   TH TH
                  LAB
                                                              210
                                                                    L B
                                       730-8PM
                                                              210
       79562
                  LAB
                               T 26
                                                   TH TH
                                                                    LH
              SECOND-YEAR RUSSIAN, II.
RUSS
         PREREQUISITE: RUSS. 103.
          4 HOURS
         ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, T3-T26 EXCEPT SECTION D IN WHICH LANGUAGE LABORATORY IS OPTIONAL.
                                                                                     STAFF
                                                                                     STAFF
```

LABURATUR	KA 12 OPITOR	VAL.					
79587	LECT-DISC	D	11	MTUWTHE	304	G H	
79594	LECT-DISC	F	2	MTUWTH	120	COM W	
79605	LAB	T 3	8-830	TU TH	210	L H	
79612	LAB	T 4	830-9	TU TH	210	L H	
79620	LAB	T 5	9-930	TU TH	210	L H	
79637	LAB	T 6	930-10	TU TH	210	L H	
79644	LAB	T 7	10-1030	TU TH	210	L H	
79651	LAB	T 8	1030-11	TU TH	210	L H	
79669	LAB	7 9	11-1130	TU TH	210	L H	
79676	LAB	T10	1130-12	TU TH	210	L H	
79683	LAB	T11	12-1230	TU TH	210	LH	
79691	LAB	T12	1230-1	TU TH	210	Ł H	
79701	LAB	T13	1-130	TU TH	210	LH	
79719	LAB	T14	130-2	TU TH	210	L H	
79726	LAB	T15	2-230	<b>FU TH</b>	210	LH	
79733	LAB	T16	230-3	TU TH	210	L H	
79741	LAB	T17	3-330	TU TH	210	L H	

RUSS	104 CONTI	NUED							
	79758 79765	L AB L AB	T18	330-4 4-430 430-5 5-530 530-6 7-730PP	TU TH TU TH	210			
	79772 79780	LAB LAB	T20	430-5 5-530	TU TH TU TH	210	L H		
	79797 79808	LAB	T22	530-6		210	L H		
	79815	L AB L AB	T26	730-8PM		210	LH		
01166	***	ENCINE EIGE	T WEAR	DUCCIAN					
RUSS		ENTS WHO HA			RUSSIAN.				
		ENTS IN THE				GISTER	FOR T	O HOURS	
	79822	WEEKLY IN T	BE	9	MTUWTHE		COM W		STAFF
			BE	1	MWF	305	G H		STAFF
RUSS	112 INT								
	8 HOURS	SITE: RUSS.							
		ENTS IN THE	HE LANG	SUAGE LABOR	ATORY.	GISTER	FOR T		
	79830	LECT-DISC	C F	10 2	M TUWTHE	120	COM W		STAFF STAFF
RUSS	115 RUS 3 HOURS	SIAN LITERA	TURE I	N TRANSLATI	ON, I.				
		LECT-DISC	D	11	M W F	W109	ТН		BROSTROM
RUSS	121 BEG	INNING READ	ING COL	IRSE. I.					
11000	NO PRIOR	KNOWLEDGE	OF RUS	SIAN REQUIR	ED.				
	79854	LECT-DISC	A	8 12	MTUWTH MTUWTH	362	L H G H		STAFF
	1,000	EECT-DISC	^	12	HIONIII	307	0 11		
RUSS		SINNING READ SITE: RUSS.		JRSE, II.					
	4 HOURS			4	MTUWTH	274			STAFF
	17017	EEC1-0130	"	7	11104111	314			SIMIT
RUSS		ERGRADUATE	OPEN SI	EMINAR.					
	*0 TO 9			ARR					
	7 7000	CONT		Ann					
		CDU	RSES F	OR ADVANCE	UNDERGRAD	UATES			
RUSS	21.1 08.6	L RUSSIAN,	Ι.						
11033	PREREQUI 2 HOURS	SITE: RUSS.	103 A	ND 104 OR C	ONSENT OF	INSTRU	CTOR.		
	79893 79904	LECT-DISC		11 12	M W TU TH	9	G H G H		M ZAŁUCKY M ZALUCKY
	17704	EEC1-0130	^	12	10 11	7	0 H		M ZALOCKY
RUSS		L RUSSIAN. : SITE: RUSS.		CONCENT	E INSTRUCT	n.p.			
	2 HOURS								
	79911	LECT-DISC	C	10	TU TH	392	LH		M ZALUCKY
RUSS	213 RUS	SIAN COMPOS	ITION,	1.					
	2 HOURS	SITE: RUSS.							
	79929	LECT-DISC	F	2	14 W	204	N L		H ZALUCKY
RUSS	214 RUS	SIAN COMPOS	ITION,	11.					
	2 HOURS	SITE: RUSS.							
	79936	LECT-DISC	D	11	TU TH	392	LH		H ZALUCKY
RUSS	215 INT	RODUCTION TO	RUSS!	IAN LITERAT	URE, I.				
	PREREQUI 3 HOURS	SITE: RUSS.	104 OF	CONSENT C	F INSTRUCT	OR.			
	79943 79951	LECT-DISC LECT-DISC	B C	9 10	M W F	392 392			MAJHANOVICH BROSTROM

INTRODUCTION TO COMTEMPORARY RUSSIAN LITERATURE. PREREQUISITE: RUSS. 212 OR CONSENT OF INSTRUCTOR.
3 HOURS 79968 LECT-DISC E M W F 261 L H MILLAR RUSS 280 TEACHERS COURSE. PREREQUISITE: THREE YEARS OF COLLEGE RUSSIAN OR EQUIVALENT. 2 HOURS DOES NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. 79975 KI ETN RUSS 291 SENIOR THESIS AND HONORS. 2 HOURS 79982 CONF ARR RUSS 292 SENIOR THESIS AND HONORS.
2 HOURS
79990 CONF ARR COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES RUSS 303 ADVANCED READING AND CONVERSATION, I.
PREREQUISITE: THREE YEARS OF COLLEGE-LEVEL RUSSIAN.
2 HOURS OR 1/2 UNIT LECT-DISC B 80006 392 L H M ZALIICKY ADVANCED READING AND CONVERSATION, II. RUSS 304 PREREQUISITE: RUSS. 303 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT LECT-DISC C 9 G H M ZALUCKY RUSS 307 STRUCTURE OF RUSSIAN. PREREQUISITE: RUSS. 212 AND 214.
3 HOURS OR 3/4 UNIT 80021 LECT-DISC C 10 M W F 261 L H KLEIN RUSS 313 ADVANCED COMPOSITION AND USAGE, I.

PREREQUISITE: THREE YEARS OF COLLEGE RUSSIAN, INCLUDING RUSS. 213

AND 214, DR CONSENT OF DEPARTMENT.

3 HOURS OR 3/4 UNIT

80038 LECT-DISC B 9 M W F 9 G H H ZALUCKY RUSSIAN LITERATURE FROM 1810 TO 1845. PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT 80045 LECT-DISC D 11 M W F 261 L H CURRAN RUSS 323 RUSSIAN LITERATURE FROM 1845 TO 1880.
PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT
80052 LECT-DISC F 2 M W F 26 M W F 261 L H MILLAR 326 MASTERPIECES OF RUSSIAN LITERATURE.
PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT
80060 LECT-DISC E 1 M W F 392 L H RUSS 326 CURRAN RUSSIAN DRAMA. PREREQUISITE: RUSS. 216 OR EQUIVALENT.
3 HOURS OR 1 UNIT 80077 LECT-DISC GH 340-455 TU TH 261 L H CURRAN RUSS 337 RUSSIAN POETRY.

PREREQUISITE: RUSS. 216 OR EQUIVALENT.

3 HOURS OR 1 UNIT

80084 LECT-DISC GH 3-415 M W

261 L H

BRISTOL

#### COURSES FOR GRADUATES

RUSS	400	BEGINNING	RUSSIAN	FOR	GRADUATE	STUDENTS.

4 HOURS 80091 LECT-DISC A 8 80102 LECT-DISC X 12 MTUWTH 392 L H MTUWTH 304 G H STAFF HILL

READINGS IN RUSSIAN FOR GRADUATE STUDENTS.
PREREQUISITE: RUSS. 400 OR EQUIVALENT. RUSS 401

4 HOURS

80110 LECT-DISC H MTUWTH 374 L H STAFF

RUSS 407 RUSSIAN SYNTAX.

PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD. 1 UNIT 261 L H

80127 LECT-DISC B

OLD RUSSIAN LITERATURE. 22119 410 PREREQUISITE: SLAV. 405.

1 UNIT

920-1035 TU TH 94 COM W 80134 LECT-DISC BC

PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD. RUSS 1 UNIT

80141 LECT-DISC FG 220-335 TU TH 261 L H BRISTOL

RUSS 420 CHEKHOV.

PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD. 1 UNIT

80159 LECT-DISC CD 1040-1155 TU TH 261 I H PACHMUSS

RUSSIAN LITERATURE IN EXILE. RUSS 422

PREREQUISITE: GRADUATE STANDING. 1 UNIT

80166 LECT-DISC EF 1-215 TU TH 261 L H PACHMUSS

# RUSSIAN AND EAST EUROPEAN CENTER

DEPARTMENT OFFICE

1207 W OREGON

GL ADNEY

GLADNEY

# STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

MAJOR: STUDENTS WHO ELECT RUSSIAN LANGUAGE AND AREA STUDIES AS A MAJOR MUST:

1-COMPLETE THE PRESCRIBED AND GENERAL EDUCATION SEQUENCES REQUIRED IN THE SCIENCES AND LETTERS CURRICULUM.

2-COMPLETE AT LEAST TWENTY SEMESTER HOURS OF RUSSIAN LANGUAGE

COURSES, IN ADDITION TO RUSS. 101-102, OR DEMONSTRATE EQUIVALENT PROFICIENCY.

3-COMPLETE A MAJOR CONSISTING OF AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST FOUR DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW, COURSES USED FOR MAJOR OR MINDR CREDIT OUTSIDE THE PROGRAM OF RUSSIAN LANGUAGE AND AREA STUDIES MAY NOT COUNT AS PART OF THIS TWENTY HOURS.

POL. S. 335, 383

ANTH. 381, 382 ECON. 357 RUSS.

115, 116, 199, 217, 317, 321, 322, 323, 324, 325, GEOG. 353

HIST. 219, 320, 321, 325, 326, 327, 328 332, 333, 335

SOC. 350 UKR. 396, 398

4-COMPLETE A MINOR OF TWENTY HOURS, EXCLUDING COURSES OPEN TO FRESHMEN, IN ONE OR TWO DEPARTMENTS. IF TWO ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH. COURSES IN THE RUSSIAN LANGUAGE MAY, WITH THE APPROVAL OF THE CENTER DIRECTOR, CONSTITUTE ALL OR PART OF THIS MINOR.

RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR: A MINOR IN RUSSIAN LANGUAGE AND AREA STUDIES, DESIGNED TO ACCOMPANY A MAJOR IN ANY DEPARTMENT, REQUIRES AT LEAST THENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. IT ALSO REQUIRES A KNOWLEDGE OF RUSSIAN EQUIVALENT AT LEAST TO THAT NORMALLY ATTAINED AFTER RUSS. 101-102.
ANTH. 381, 382
ECON. 357
GEOG. 353
115, 116, 199, 217, 317, GEOG. 353
HIST. 219, 320, 321, 325, 321, 322, 323, 335, 335, 326, 327, 328
UKR. 396, 398

#### GRADUATE MINORS IN RUSSIAN LANGUAGE AND AREA STUDIES

MINDR FOR THE MASTERS DEGREE: A CANDIDATE FOR THE MASTERS DEGREE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN BELOW. THE COURSES CHOSEN MUST BE IN AT LEAST TWO DEPARTMENTS.

ANTH. 381 . 382 RUSS 317, 321, 322, 323, 357, 457 ECON. 324, 325, 332, 333, 335, 406, 407, 408, GEOG. 353, 495 320, 321, 325, 326, 327, 328, 427 369, 371 410, 412, 414, 416, HIST. 417, 421, 423, 424 SLAV. 405 SOC. LIB. S. 433 SOC. POL. S. 335, 383, 435, 440 UKR. 350, 450 396, 398

MINOR FOR THE PH.D. DEGREE: A DOCTORAL CANDIDATE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST DEMONSTRATE A READING COMMAND OF RUSSIAN AS TESTED BY EXAMINATION OR BY COMPLETION OF RUSSIAN 104 OR 401 WITH A GRADE OF A DR B, AND IN ADDITION MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN JUST ABOVE. THE FOUR UNITS MUST BE DISTRIBUTED AMONG AT LEAST TWO DEPARTMENTS OUTSIDE OF, AND MAY AT THE SAME TIME INCLUDE UP TO ONE UNIT FROM WITHIN, THE DEPARTMENT OFFERING THE CANDIDATE'S MAJOR.

# CERTIFICATE OF GRADUATE SPECIALIZATION IN RUSSIAN LANGUAGE AND AREA STUDIES

THIS CERTIFICATE IS AMARDED BY THE GRADUATE COLLEGE AND THE CENTER FOR RUSSIAN LANGUAGE AND AREA STUDIES. IT IS FOR PERSONS WITH THE BACCALAUREATE WHO ARE ENROLLED IN ADVANCED STUDIES IN ANY DISCIPLINE AND WHO WISH AT THE SAME TIME TO GAIN A KNOWLEDGE OF THE RUSSIAN AREA AND LANGUAGE. THE REQUIREMENTS ARE: (1) A GOOD COMMAND OF WRITTEN AND SPOKEN RUSSIAN, AS DETERMINED BY SPECIAL EXAMINATIONS. (2) AT LEAST SIX GRADUATE UNITS RELATING TO RUSSIA, DISTRIBUTED AMONG AT LEAST THREE OF THE DEPARTMENTS REPRESENTED IN THE PROGRAM (ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, LAW, LIBRARY SCIENCE, POLITICAL SCIENCE, RUSSIAN AND SOCIOLOGY)
IN ADDITION TO THE STUDENT'S OWN MAJOR DEPARTMENT, FOR COURSES, SEE ABOVE. IF THE STUDENTS MAJOR DEPARTMENT IS ONE OF THESE NINE HE MAY COUNT, AS PART OF HIS SIX UNITS, UP TO ONE UNIT FROM WITHIN HIS MAJOR DEPARTMENT. (3) A SPECIAL ESSAY BASED LARGELY ON RUSSIAN SOURCES AND TO BE, AT THE MINIMMY, OF THE STANDARD NORMALLY REQUIRED IN A MASTERS THESIS. THE STUDENT MAY SUBMIT, IN FULFILLMENT OF THIS REQUIREMENT, A COPY OF HIS MASTERS THESIS OR DOCTORAL DISSERTATION.

THE ADVISER FOR THE GRADUATE MINORS AND THE CERTIFICATE IS PROFESSOR RALPH T. FISHER JR., DIRECTOR OF RUSSIAN AND EAST EUROPEAN CENTER, 1207 WEST DREGON.

# STUDENTS IN OTHER COLLEGES

STUDENTS IN OTHER COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO DESIRE A KNOWLEDGE OF THE RUSSIAN AREA ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR OF RUSSIAN AND EAST EUROPEAN CENTER IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH PROGRAMS MAY IN SOME CASES BE ADDPTED AS A SPECIAL MINOR.

BELOW ARE LISTED COURSES APPROVED FOR THE RUSSIAN LANGUAGE AND AREA STUDIES PROGRAMS. FOR FULL COURSE DESCRIPTIONS OF THOSE BEING OFFERED THIS SEMESTER, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS . DEPARTMENTS.
ANTH 381, 382
ECON 357, 457
GEOG 353, 381, 382, 495,
HIST 219, 320, 321, 325,
326, 327, 328, 427
LAW 369, 371 RUSS 115, 116, 199, 217, 317, 321, 322, 323, 324, 325, 332, 333, 335, 406, 407, 408, 410, 412, 414, 416, 417, 421, 423, 424 LIB S 433 POL S 335, 383, 435, 440 SLAV 405 SOC 350, 450 396, 398

# SAFETY EDUCATION

UKR

DEPARTMENT OFFICE

114 HUFF GYM

# COURSES FOR ADVANCED UNDERGRADUATES

S ED 280 SAFETY EDUCATION.

3 HOURS

\*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN 400 H. G.

\*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN 400 H. G. 80173 LECT-DISC B \*9 M W F 207 H G 80181 LECT-DISC E \*1 M W F 207 H G

FLORIO HUFFMAN

DRIVER EDUCATION . S ED 284

PREREQUISITE: DRIVERS LICENSE, JUNIOR STANDING.

3 HOURS

\*TWO ADDITIONAL HOURS PER WEEK TO BE ARRANGED IN 400 H. G.

80198 LECT-DISC L \*8 TU TH 207 H G FLOR IO

S ED 289

9 SAFETY EDUCATION FIELD WORK.
PREREQUISITE: SENIOR STANDING IN PUBLIC SAFETY EDUCATION.

O CREDIT 80209 LAB-DISC

FLORIO

S ED 294 ADVANCED TRAFFIC SAFETY EDUCATION.
PREREQUISITE: S. ED. 284.

3 HOURS

FIELD TRIP AND TWO HOURS LAB PER WEEK TO BE ARRANGED IN 400 H. G. 80216 LECT-DISC M \*9 TU TH 207 H G

FLORIO

#### SCANDINAVIAN

GERMANIC LANGUAGES AND LITERATURES. DEPARTMENT OFFICE 371 L H

### COURSES FOR UNDERGRADUATES

ELEMENTARY SCANDINAVIAN, I.

4 HOURS

\*TOPIC: NORWEIGIAN.

80223 80231

LECT-DISC \*B 9 MTUWTH 388 L H LECT-DISC \*X 12 MTUWTH 270 L H

HENDER SON HENDERSON

SCAN 103 INTERMEDIATE SCANDINAVIAN, 1.

PREREQUISITE: SCAN. 102 OR EQUIVALENT.

4 HOURS

\*TOPIC: DANTSH.

LECT-DISC \*B 9 80248

MTUWTH 186 L H MITCHELL

#### COURSES FOR ADVANCED UNDERGRADUATES

CONVERSATION AND WRITING. PREREQUISITE: SCAN. 104.

2 HOURS

LECT-DISC H 4 MTUW 80255

270 L H

SCAN 297 SENIOR THESIS AND HONORS COURSE.

PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.

1 TO 2 HOURS 80262 CONF ARR

## SECONDARY AND CONTINUING EDUCATION

DEPARTMENT OFFICE

EDUCATION BUILDING

# COURSES FOR UNDERGRADUATES

SE ED 101 INTRODUCTION TO THE TEACHING OF SECONDARY SCHOOL SUBJECTS. 2 HOURS

\*SECTION F: SCIENCE \*SECTION P2: ENGLISH SECTION L: SECTION P3: MATH \*SECTION M1: ENGLISH SECTION P4: SOCIAL STUDIES \*SECTION M2: FOREIGN LANGUAGE \*SECTION P5: DANCE SECTION M3: SPEECH \*SECTION R1: SCIENCE \*SECTION N1: FOREIGN LANGUAGE \*SECTION R2: ENGLISH \*SECTION N2: MUSIC \*SECTION R3: MUSIC \*SECTION R4: SOCIAL STUDIES \*SECTION P1: FOREIGN LANGUAGE SECTION T: SOCIAL STUDIES \*SECTION N2: MUSIC SECTIONS E AND RI REQUIRE SOPHOMORE STANDING OR ABOVE AND TWO ADDITIONAL HOURS OF LAB A WEEK TO BE ARRANGED. SECTIONS MI, P2, AND R2 REQUIRE JUNIOR STANDING OR ABOVE AND ADDITIONAL HOURS FOR LABORATORY TO BE ARRANGED. REGISTRATION IN M1, R2, AND R4 ALSO REQUIRES REGISTRATION IN SECTIONS N2, S1, AND S2 OF SECONDARY EDUCATION 240 RESPECTIVELY. D294 LECT-DISC \*E 1-3 F 4G EDUC 1401 LECT-DISC L 8 TU TH 162 EDUC

80294 TU TH 4G EDUC
162 EDUC
162 EDUC
192 EDUC
198 L H
192 EDUC
166 EDUC
166 EDUC
162 EDUC
166 EDUC
153 ARMORY
B ENSEMBLE KRAN 80401 LECT-DISC \*M1 LECT-DISC \*M2 TU TH 80312 q LECT-DISC \*M2 LECT-DISC M3 LECT-DISC \*N1 LECT-DISC \*N2 ý 80344 9 80441 TU TH 80751 TH TH 10 80376 TU TH SP CLINIC LECT-DISC \*N3 80391 TU TH LECT-DISC \*P1 LECT-DISC \*P2 11 80369 TU TH 80320 80419 80426 80270 80305 11 TU TH LECT-DISC \*P2 LECT-DISC P3 LECT-DISC P4 LECT-DISC \*R1 LECT-DISC \*R2 LECT-DISC \*R3 LECT-DISC TR TU TH TU TH TU TH 11 11 11 B ENSEMBLE KRAN 80305 80337 1 1 1-3 TH 4H EDUC TU TH 125 D K H 15 D K H 80383 80287 80433 TU TH LECT-DISC R4 317A D K H 150 ARMORY 1 3 TU TH LECT-DISC TU TH

WELLER TRAVERS MADSEN DATCH BURNS KAULFERS JOHN SON KAULFERS

TRAVERS PAYETTE SIMONDS WALKER METCALE

FILLION

UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS SE ED 199

\*SECTION B IS ON "THE CONTEMPORARY UNIVERSITY."
458 CONF ARR

80458

80465 I ECT-DISC #B ARR LEVY

### COURSES FOR ADVANCED UNDERGRADUATES

SE ED 240 PRINCIPLES OF SECONDARY EDUCATION PREREQUISITE: SE. ED. 101 AND PSYCH. 100.

2 HOURS

\*SECTIONS X1, X2, AND X3 ARE PRIMARILY FOR STUDENTS
REGISTERED FOR OFF CAMPUS STUDENT TEACHING. THESE SECTIONS WILL

REGISTERED FOR OFF CAMPUS STUDENT TEACHING. THESE SECTIONS WILL NOT MEET DURING THE SIX WEEK STUDENT TEACHING PERIOD. \*\*SECTION ENLIS RESERVED FOR JAMES SCHOLARS, STUDENTS WHO HAVE RECEIVED UNIVERSITY HONORS, COLLEGE HONORS, OR CLASS HONORS, OR STUDENTS WHO HAVE RECEIVED CONSENT OF INSTRUCTOR. \*\*REGISTRATION IN SECTIONS N2, S1, AND S2 ALSO REQUIRES REGISTRATION IN SECTIONS M1, R2, AND R4 OF SECONDARY EDUCATION 101 RESPECTIVELY. \*\*SECTION X4 RESERVED FOR SCIENCE STUDENT TEACHERS ENROLLED

3501101	VA VESEVALI	7 1.01	SCIENCE SIL	JUENT PEACHE	V2 EIAVE	LLEU	
IN SECT	IONS F1 AND	F2 OF	SECONDARY	EDUCATION 2	41.		
80472	LECT-DISC	M 1	ġ.	TU TH	166	EDUC	FILLION
80480	LECT-DISC	M2	9	TU TH	1	EDUC	BROWN
80547	LECT-DISC	* & N 1	10	TU TH	1	EDUC	HENDERSON
80554,	LECT-DISC	*N2	10	TU TH	162	EDUC	MADSEN
80497	LECT-DISC	Р	11	TU TH	1	EDUC	BROWN
80508	LECT-DISC	R	1	TU TH	328	DKH	GOULD
80561	LECT-DISC	<b>*</b> S1	2	TU TH	125	DKH	WALKER
80579	LECT-DISC	<b>*</b> \$2	2	TU TH	317A	DKH	METCALF
80515	LECT-DISC	*X1	1	M W F	2	EDUC	KAULFERS
80522	LECT-DISC	* X 2	12	M W F	192	EDUC	WELLER
80530	LECT-DISC	*X3	1	M W F	21	DKH	HAWKINS
80586	LECT-DISC	X 4	8	TU TH	4 G	EDUC	

SE ED 241 TECHNIC OF TEACHING IN THE SECONDARY SCHOOL.

PREREQUISITE: HP. ED. 201 AND SE. ED. 240 AND CONCURRENT REGISTRATION IN ED. PR. 242, CONSENT OF INSTRUCTOR. 3 TO 5 HOURS

REGISTRATION IN BOTH SE. ED. 241 AND ED. PR. 242 MUST BE APPROVED AT THE REGISTRATION PERIOD BY THE PERSON LISTED AS THE INSTRUCTOR FOR SE. ED. 241. SEE EDUCATIONAL PRACTICE.
\*ADDITIONAL DAILY MORNING HOURS TO BE ARRANGED.

\*SECTION F1 IS FOR BIOLOGY MAJORS ONLY.
\*SECTION F2 IS PRIMARILY FOR PHYSICAL SCIENCE MAJORS. BIOLOGY

ART (3-4 HOURS)

MAJORS MAY ENROLL WITH PERMISSION. 0593 LECT-DISC A 9 80593 MTUWTHE 389 EDUC KNAPP PHYSICAL EDUCATION MEN (3 HOURS) 80604 LECT-DISC D 10-12 MIUWIHE 36 COM W MANCUSO PHYSICAL EDUCATION WOMEN (3 HOURS) 80821 LECT-DISC \*F1 M W F 4G EDUC 8-10 BROWN SCIENCE (4 HOURS) 80839 LECT-DISC \*E2 3 MITHWITHE 208 II H S GOULD SCIENCE (4 HOURS) LECT-DISC J1 28 80611 9-11 W E DUC. PAYETTE J1TU TH 28 EDUC

SOCIAL STUDIES (4 HOURS) 80636 LECT-DISC J2 EDUC COX 33

10 TU TH FDUC SOCIAL STUDIES (4 HOURS) 80643 LECT-DISC J3 10-12 389 EDUC JOHNSON

TU TH 10 389 EDUC 13 SOCIAL STUDIES (4 HOURS) LECT-DISC K 80651 ARR HARDIMAN

80668 10-12 M W F LECT-DISC L1 25 F DUC WALKER 1.1 10 6 COM W ENGLISH (5 HOURS)

SE ED	241 CONTI							
	80675	LECT-DISC			M W F			FILLION
		ENGLISH (5						
	80682	LECT-DISC	L3		M W F TU TH	2A 2A		
		ENGLISH (5		10	10 111	2 M	2000	
	80690	LECT-DISC			M W F			
		ENGLISH (5		10	TU TH	326	UKH	
	80701	LECT-DISC			M W F			
		ENGLISH (5		10	TU TH	19	DKH	
	80718	LECT-DISC		8-10 8	M W F	442		
		ENGLISH (5		8	10 18	442	m H	
	80725	LECT-DISC FOREIGN LAI			MTUWTHF	192	EDUC	KETTELKAMP
	80732	LECT-DISC FOREIGN LAN			MTUWTHF	25	EDUC	DAIGH
	80740	LECT-DISC FOREIGN LA			MTUWTHF	28	EDUC	HAWK INS
	80757	HOME ECONOR			MTUWTHE	22	EDUC	MATHER
	80764	LECT-DISC INDUSTRIAL			MTUWTHF RS )	25	EDUC	TINKHAM
	80771	LECT-DISC			M W F		EDUC	HENDERSON
		MATHEMATIC			TU TH	1	EDUC	
	80789	LECT-DISC MUSIC (3-4			MTUWTHF	33	EDUC	
	80796	LECT-DISC MUSIC (3-4		9	MTUWTHF	382	EDUC	
	80807 80814	LECT-DISC LIBRARY SC	Y AF	R	TUWTHF	8	DКН	MAHAFFEY THOMASSEN

INDEPENDENT STUDY. SE ED 249 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK. 2 OR 3 HOURS 80846 CONF 3 ARR

SE ED 291 THESIS.

PREREQUISITE: SENIOR STANDING. PREKEWS 2 HOURS CONF 80853 3 ARR

SE ED 292 THESIS.

PREREQUISITE: SENIOR STANDING.
2 HOURS 80861 CONF & ARR

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SE ED 338 TEACHING OF READING IN GRADES FOUR THROUGH TWELVE.

SAME AS EL. ED. 338.

PREREQUISTE: JUNIOR STANDING AND EL. ED. 336 OR EDPSY. 211.

3 HOURS, OR 1/2 OR 1 UNIT

WILL NOT MEET DUPING THE SIX-WEEK STUDENT TEACHING PERIOD.

80878 LECT-DISC 2 M W F 442 M H ERICKSON

#### COURSES FOR GRADUATES

LINGUISTIC AND LOGICAL ANALYSIS OF TEACHING. SE ED 441 1 UNIT LECT-DISC

80885

7-9PM

1 EDUC

HENDER SON

SE ED 449

9 INDEPENDENT STUDY PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE
DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.

\*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL

CONSENT OF THE DEAN.

\*1/2 OR 1 UNIT 80892 CONF

ARR

SE ED 456 PROBLEMS AND TRENDS IN SPECIALIZED FIELDS OF

SECONDARY EDUCATION. 1 UNIT

\*SECTION B IS FOR LATIN, SECTION E IS FOR SOCIAL STUDIES

AND SECTION I IS FOR ART.

80903 LECT-DISC \*B 9 MTUW 80911

394 L H 40 COM W 133 F A B 9 630-830PM M LECT-DISC \*E 80928

SCANLAN METCALF HARDIMAN

PIERCE

MADSEN

PINGRY BURNETT EASLEY

KALIL FERS

AND WELLER

CCX JOHNSON

METCALF AND PAYETTE

LE ONHARD

FLEY

WORKSHOP IN CURRICULUM DEVELOPMENT. SE ED 459

1/2 TO 2 UNITS

\*SECTION A IS FOR HIGHER EDUCATION. 1 UNIT.

107 STU SV TU 80935 LECT-DISC A 7-9PM

SEMINAR FOR ADVANCED STUDENTS OF EDUCATION. SE ED 490

OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN SECONDARY AND CONTINUING EDUCATION.

\*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.

\*0 TO 1 UNIT

\*SECTION A IS FOR ENGLISH. SECTION B IS FOR FOREIGN LANGUAGE.

\*SECTION A 15 FUR ENGLISH, SECTION D 15 FOR SCIENCE, SECTION SECTION D 15 FOR SCIENCE, SECTION D 15 FOR SCIENCE, SECTION E 15 FOR SOCIAL STUDIES, AND SECTION H IS FOR HIGHER EDUCATION—SECTION F IS FOR MUSIC.

9942 LECT-DISC \*A 4-6 W 382 EDUC

80942 LECT-DISC \*A
CONF \*B

80950 ARR 3-5 80967 TH

LECT-DISC \*C LECT-DISC \*D 389 EDUC 389 EDUC 80974 4-6

4-6 80999 LECT-DISC E 25 EDUC

ARR 81001 CONF F 80981 LECT-DISC H

ARR

SE ED 491 FIELD STUDY AND THESIS SEMINAR. LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.

1 TO 2 UNITS

81019

SE ED 499 THESIS R THESIS RESEARCH.

81026 CONF ARR

# SERBO-CROATIAN

SLAVIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 260 L H

# COURSES FOR ADVANCED UNDERGRADUATES

S CR 201 FIRST-YEAR SERBO-CROATION. STUDENTS MUST REGISTER FOR 1 HOUR OF WORK WEEKLY IN LANGUAGE LAB.
PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR. \*CREDIT TOWARD GRADUATION NOT GIVEN FOR S. CR. 201 WITHOUT S. CR. 202. \*4 HOUPS 81033 LECT-DISC X 12 MTUWTH 392 L H STAFF

SLAVIC

SLAVIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 260 L H

# COURSES FOR UNDERGRADUATES

SLAV 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS 81041 ARR CONF

SLAV 380

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INTRODUCTION TO SLAVIC LINGUISTICS. SAME AS LING. 380.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT LO58 LECT-DISC EF 1-215 TU TH 81058 392 L H DUNATOV

# COURSES FOR GRADUATES

ORAL POETRY AND SLAVIC POETICS. SLAV 418 1 UNIT 81065 LECT-DISC F 2 MWF 392 L H

1 INDIVIDUAL TOPICS. PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN RUSSIAN. SLAV 491 1/4 TO 2 UNITS \*SECTION A TOPIC: RUSSIAN LITERATURE. \*SECTION B TOPIC: SLAVIC LINGUISTICS.
\*SECTION C TOPIC: POLISH LITERATURE.
\*SECTION D TOPIC: RUSSIAN QUITURE.
\*SECTION E TOPIC: RUSSIAN AUTOBIOGRAPHICAL LITERATURE. LECT-DISC \*A LECT-DISC \*B ARR 81072 81080 ARR 81097 8-915 TU TH 261 L H

LECT-DISC \*C LECT-DISC \*D LECT-DISC \*E ARR 81108 81115 920-1035 TU TH 261 L H

SLAV 499 THESIS RESEARCH. 0 TO 4 UNITS CONF 81122 ARR

#### SOCIAL SCIENCES

THE DIVISION OF SOCIAL SCIENCES SPONSORS THE FOLLOWING PROGRAMS: (1) AN UNDERGRADUATE MINOR IN LATIN AMERICAN STUDIES; (2) A GRADUATE MINOR IN LATIN AMERICAN STUDIES; (3) AN UNDERGRADUATE MAJOR AND MINOR IN RUSSIAN AREA STUDIES; (4) A GRADUATE MINOR IN RUSSIAN AREA STUDIES; (5) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE SOCIAL SCIENCES; (6) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE TEACHING OF SOCIAL STUDIES; (7) A GRADUATE MAJOR AND MINOR AND UNDERGRADUATE MINOR IN LINGUISTICS; (8) AN UNDERGRADUATE MINOR IN ASIAN STUDIES; (9) A GRADUATE MINOR IN ASIAN STUDIES.

THE DIVISION OF SOCIAL SCIENCES CALLS TO THE ATTENTION OF STUDENTS THE OFFERINGS IN THE GENERAL FIELD OF INTERNATIONAL AFFAIRS AND OF NON-WESTERN AREAS FOUND AT THE UNIVERSITY OF ILLINOIS. THE DIVI-SION RECOMMENDS THAT THE STUDENT INTERESTED IN INTERNATIONAL AFFAIRS AND NON-WESTERN AREAS CONSULT WITH THE ADVISOR IN HIS MA-JOR DEPARTMENT OR WITH THE CENTERS FOR ASIAN, LATIN AMERICAN, AND RUSSIAN LANGUAGE AND AREA STUDIES CONCERNING THE POSSIBILITY OF TAKING COUPSES IN THESE SUBJECTS, EITHER AS PART OF A MINOR OR SPLIT MINOR, OR AS ELECTIVES.

ENTRANCE EXAMINATIONS FOR THE FOREIGN SERVICE OF THE UNITED STATES. STUDENTS INTERESTED IN PREPARING FOR THESE EXAMINATIONS ARE URGED TO CONSULT WITH THE GOVERNMENT PLACEMENT CONSULTANT OF THE UNIVERSITY PLACEMENT SYSTEM, WHO MAY BE SEEN AT THE INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS, 1201 WEST NEVADA STREET.

#### COURSES FOR UNDERGRADUATES

UNDERGRADUATE OPEN SEMINAR. SOC S 199 \*MAY BE REPEATED. \*0 TO 9 HOURS 81130 CONF

ARR

STAFF

# SOCIAL WORK

DEPARTMENT OFFICE

1207 W DREGON

UNDERGRADUATE MAJOR: THE COOPERATIVE INTERDEPARTMENTAL MAJOR AND MINOR IN SOCIAL WELFARE INCLUDES COMPLETION OF A COURSE IN STATISTICS OR NON-STATISTICAL RESEARCH METHODOLOGY, AT LEAST TWELVE HOURS OF COURSES IN SOCIAL WORK, AND TWENTY-EIGHT HOURS OF SELECTED COURSE WORK FROM THE FOLLOWING DEPARTMENTS: ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

MINORS: COURSES IN SOCIAL WORK MAY BE COUNTED TOWARD AN UNDERGRADUATE MINOR IN THE DEPARTMENTS OF ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

# COURSES FOR ADVANCED UNDERGRADUATES

SOC W 225 INTRODUCTION TO SOCIAL WELFARE, I.

PREREQUISITE: SOC. 100 OR 151; AND PSYCH, 100 OR 103; OR D. G. S.

	3 HOURS											
8	1147	LECT-DISC	Α	8	М	W	F	215	G	Н		STAFF
8	1154	LECT-DISC	В	9	M	W	F	153	Α	S 1	L	STAFF
8	1161	LECT-DISC	С	2	M	W	F	302	L	Н		STAFF
8	1179	LECT-DISC	D	11	M	W	F	1	G	Н		STAFF
8	1186	LECT-DISC	E	12	М	W	F	215	G	Н		STAFF

SOC W 226 INT	RODUCTION TO	SOCIAL WELFARE	, II.		
3 HOURS 81193 81204 81211 81229	LECT-DISC A LECT-DISC B LECT-DISC C LECT-DISC D	9 2 11 1	M W F M W F M W F	328 D K H 329 G H 392 L H 30 COM W	STAFF STAFF STAFF STAFF
	COURSES F	DR ADVANCED UN	DER GRADUATES	AND GRADUATES	
SOC W 300 MET PREREQUI	HODS OF SOCIAL	L WORK INTERVE 226. OR TAKEN UNIT	CONCURRENTL	Υ.	
81236 81243	LECT-DISC A LECT-DISC B	11 2	M W F M W F	204N H H 141 A H	STAFF
PR ER EQUI INSTRUCT	OR.	300, OR TAKEN	CONCURRENTL	Y, OR CONSENT OF	
81251 81268 81275	LECT-DISC A LECT-DISC B LECT-DISC &	11	M W F M W F M W F	305 G H 141 A H 153 A S L	STAFF STAFF STAFF
INSTRUCT	SITE: CREDIT (	OR REGISTRATIO	N IN SOC. W.	300 AND CONSENT OF	
3 HOURS, TIME BY 81282	OR 1/2 TO 1 ARRANGEMENT A CONF	UNIT FTER FIRST MEE ARR	TING.		STAFF
SOC W 333 INT PREREQUI SOCIOLOG	SITE: JUNIOR :	SOCIAL GROUP WISTANDING WITH	INTRODUCTORY	COURSES IN	
2 HOURS	OR 1/2 UNIT LECT-DISC	1-3		215 G H	STAFF
		COURSES ERR			
		COURSES FOR			
PREFERA	HOME ECONOMIC GY, SOCIAL WOR OF A COURSE IN	DUATE STUDY IN	SOCIAL WORK	STUDENTS MUST SOCIAL SCIENCES, DPOLOGY, ECONOMICS, SCIENCE, SOCIOLOGY, COM- CH METHODOLOGY IS	
PREFERAL HISTORY, PSYCHOLC PLETION RECOMMEN	HOME ECONOMIC GY, SOCIAL HOG OF A COURSE II DED.  NCIPLES OF SOCIAL LECT-DISC	DUATE STUDY IN NTY SEMESTER IN: COURSEWORK IN: CS, PHILOSOPHY RK OR SOCIAL WIN STATISTICS A	SOCIAL WORK OURS IN THE SOCIAL ANTHR , POLITICAL : ELFARE, AND : ND/OR RESEAR	DPOLOGY, ECONOMICS, SCIENCE, SOCIOLOGY. COM- CH METHODOLOGY IS	STAFE
PREFERAL HISTORY PSYCHOLO PLETION RECOMMEN  SOC W 421 PRI 1/2 TO 1 81301 81318	HOME ECONOMIC GY, SOCIAL WIG OF A COURSE IN	DUATE STUDY IN NTY SEMESTER IN: COURSEWORK IN: CS, PHILOSOPHY RK OR SOCIAL WIN N STATISTICS A  CIAL WORK TREA	SOCIAL WORK OURS IN THE SOCIAL ANTHR , POLITICAL : ELFARE, AND : ND/OR RESEAR	DPOLOGY, ECONOMICS, SCIENCE, SCIENCE, SCIDLOGY, COM- CH METHODOLOGY IS	STAFF STAFF STAFF
PREFERAL HISTORY PSYCHOLO PLETION RECOMMEN  SOC W 421 PRI 1/2 TO 1 81301 81318 81325  SOC W 422 SOC PREFEQUI	ILY INCLUDING ( HOME ECONOMIC GY, SOCIAL WOR OF A COURSE II DED.  NCIPLES OF SOCIAL LECT-DISC A LECT-DISC B LECT-DISC C  ITAL CASEWORK, SITE: SOC. W.	DUATE STUDY IN NTY SEMESTER IN: COURSEWORK IN: CS, PHILOSOPHY N STATISTICS A  CIAL WORK TREA  8 9 10	SOCIAL WORK OURS IN THE SOCIAL ANTHR , POLITICAL: ELFARE, AND TMENT.  M W F M W F	JPOLOGY, ECONOMICS, SCIENCE, SCIENCE, SCIOLOGY, COM- CH METHODOLOGY IS	STAFF STAFF STAFF
PREFERAL HISTORY, PSYCHOLO PLETION RECOMMEN  SOC W 421 PRI 1/2 TO 1 81318 81325  SOC W 422 SOC PREFEQUI 1/2 TO 8 81332	ILY INCLUDING ( HOME ECONOMIC GY, SOCIAL WOR OF A COURSE IN DED.  NCIPLES OF SOCIAL LECT-DISC A LECT-DISC B LECT-DISC C  IAL CASEWORK, SITE: SOC. W. UNITS LECT-DISC	DUATE STUDY IN NTY SEMESTER IN: COURSEWORK IN: CS, PHILOSOPHY N STATISTICS A  CIAL WORK TREA  8 9 10  II. 421.	SOCIAL WORK OURS IN THE OURS IN THE POLITICAL ELFARE, AC NO/OR RESEARE  TMENT.  M W F M W F M W F	JPOLOGY, ECONOMICS, SCIENCE, SCIENCE, SCIOLOGY, COM- CH METHODOLOGY IS	STAFF
PREFERAL HISTORY, PSVCHOLC PLETION RECOMMEN  SOC W 421 PRI 1/2 TO 1 81318 81325  SOC W 422 SOC PREFEQUI 1/2 TO 4 81332  SOC W 425 GRC 1/2 TO 1	ILY INCLUDING ( HOME ECONOMI( GY, SOCIAL WO) OF A COURSE II DED.  NCIPLES OF SO. 1/2 UNITS LECT-DISC A LECT-DISC B LECT-DISC B LECT-DISC C UNITS LECT-DISC	DUATE STUDY IN NTY SEMESTER IN: COURSEWORK IN: CS, PHILOSOPHY RK OR SOCIAL WIN N STATISTICS A  CIAL WORK TREA  8 9 10  II. 421.	SOCIAL WORK OURS IN THE OURS IN THE POLITICAL ELFARE, AC NO/OR RESEARE  TMENT.  M W F M W F M W F	JPOLOGY, ECONOMICS, SCIENCE, SOCIOLOGY, COM- CH METHODOLOGY IS 103 1207 W ORE 103 1207 W ORE 103 1207 W ORE	STAFF
PREFERAL HISTORY, PSYCHOLO PLETION RECOMMEN  SOC W 421 PRI 1/2 TO 1 81301 81318 81325  SOC W 422 SOC PREFEQUI 1/2 TO 3 81332  SOC W 425 GRC 1/2 TO 1 81340 81357	ILY INCLUDING ( HOME ECONOMI( GY, SOCIAL WO) OF A COURSE II DED.  NCIPLES OF SO. 1/2 UNITS LECT-DISC A LECT-DISC B LECT-DISC B LECT-DISC C  IAL CASEWORK, UNITS LECT-DISC UNITS LECT-DISC UNITS LECT-DISC UNITS LECT-DISC UNITS LECT-DISC UNITS LECT-DISC B LECT-DISC B LECT-DISC B LECT-DISC B LECT-DISC B  IAL PLANNING A UNIT	DUATE STUDY IN NTY SEMESTER IN: COURSEWORK IN: CS, PHILOSOPHY RK OR SOCIAL WIN N STATISTICS A  CIAL WORK TREA  8 9 10  II. 421.  1 D METHOD. 1 2	SOCIAL WORK OURS IN THE SOCIAL ANTHR POLITICAL: ELFARE, AND M W F M W F M W F M W F M W F M W F	103 1207 W ORE 103 1207 W ORE 103 1207 W ORE 103 1207 W ORE	STAFF STAFF STAFF
PREFERAL HISTORY, PSVCHOLC PLETION RECOMMEN  SOC W 421 PRI 1/2 TO 1 81301 81318 81325  SOC W 422 SOC PREREQUI 1/2 TO 1 81340 81357  SOC W 425 GRC 1/2 TO 1 81340 81357  SOC W 426 SOC 1/2 TO 1 81364	ILY INCLUDING ( HOME ECONOMIC GY, SOCIAL WOP OF A COURSE IP DED.  ICIPLES OF SOL	DUATE STUDY IN NTY SEMESTER IN: COURSEWORK IN: CS, PHILOSOPHY RK OR SOCIAL WIN N STATISTICS A  CIAL WORK TREA  8 9 10  II. 421.  1 D METHOD. 1 2	SOCIAL WORK OURS IN THE SOCIAL ANTHR POLITICAL: ELFARE, AND: M W F M W F M W F M W F M W F	JPOLOGY, ECONOMICS, SCIENCE, SCIENCE, SCIENCE, SOCIOLOGY. COM-CH METHODOLOGY IS  103 1207 W ORE 103 1207 W ORE 103 1207 W ORE	STAFF
PREFERAL HISTORY, PSYCHOLO PLETION RECOMMEN  SOC W 421 PRI 1/2 TO 1 81301 81318 81325  SOC W 422 SOC PREREQUI 1/2 TO 1 81332  SOC W 425 GRC 1/2 TO 1 81367  SOC W 426 SOC 81364  SOC W 427 SOC 1/2 TO 1 81371	ILY INCLUDING ( HOME ECONOMIC GY, SOCIAL WOR OF A COURSE IN DED.  NCIPLES OF SOCIAL LECT-DISC A LECT-DISC B LECT-DISC C  IAL CASEWORK, SITE: SOC. W. UNITS LECT-DISC UNITS LECT-DISC A LECT-DISC  IAL PLANNING A UNIT LECT-DISC B  LECT-DISC A LECT-DISC A LECT-DISC B  L	DUATE STUDY IN NTY SEMESTER IN: COURSEWORK IN: CS, PHILOSOPHY RN STATISTICS A  CIAL WORK TREA  8 9 10  II. 421.  1 D METHOD. 1 2  AND ADMINISTRA 11	SOCIAL WORK OURS IN THE SOCIAL ANTHR POLITICAL: ELFARE, AND M W F M W F M W F M W F M W F M W F	103 1207 W ORE 103 1207 W ORE 103 1207 W ORE 103 1207 W ORE	STAFF STAFF STAFF

SOC	W 429	SEI REREQU	MINAR IN ME: ISITE: SOC.	THODS 0 W. 421	OR EQUIV	ENTION W: VALENT.	ITH LO	DW-INC	OME FAR	AIL IES.	
	813	/2 TO :	ISITE: SOC. 1 1/2 UNITS LECT-DISC		11	M W	F	133	1207 V	ORF	STAFF
SOC	W 431	REREQUI	ACTICE SEMIN	NAR, I. ENT OF	INSTRUCTO	OR.					
	1	UNII	APRANGEMEN'								
	814	07	LECT-DISC		ARR			21	1207 V	V ORE	STAFF
		0.0	ACTICE SEMIA								
200	W 432	REREQUI	ACTICE SEMIN ISITE: CONSE	ENT OF	INSTRUCTO	R.					
	T	UNIT IME BY	ARRANGEMENT	T AFTER	FIRST ME	ETING.					
	814	21	PRACT	В	ARR			21	1207 1	V ORE	STAFF
	814 814	39 46 53	PRACT PRACT PRACT PRACT PRACT	D	ARR						STAFF STAFF
	814	53	PRACT	Ε	ARR						STAFF
SOC	W 451	нин	MAN GROWTH A	ND BEH	AVIOR, I.						
	1 814	/2 TO 1	LECT-DISC	A	9-11	1	гн	133	1207 W	ORE	STAFF
	814 814	78 85	LECT-DISC LECT-DISC LECT-DISC	B C	9-11 9-11	1	TH TH	103 152	1207 V	ORE	STAFF STAFF
SOC	W 452	HUN	MAN GROWTH A	ND BEH	AVIOR, II	١.					
	1	/2 TO 1	SITE: SOC.  1 1/2 UNITS LECT-DISC	No 471	- 2_5	м		122	1207	V DRE	STACE
	014	72	LECT-DISC		3-5	.,		133	1201	OKE	JIRII
soc	W 461	SPE	ECIAL STUDIE	S IN S	OCIAL WOR	K I.					
	T	IME BY	UNITS	AFTER	FIRST ME	ETING.			1207	V ORE	CTACC
	812	03	CONF		дкк				1207	N OKE	STAFF
SOC	W 462	SPE	CIAL STUDIE	S IN S	OCIAL WOR	RK II.					
	T	TME BY	UNITS ARRANGEMENT	AFTER	FIRST ME	ETING.					
	815	11	CONF		дкк			21	1207 4	V DRE	STAFF
SOC			LD INSTRUCT								
	P 1	REREQUI /2 TO 1	ISITE: CONSE L UNIT	NT OF	INSTRUCTO	3R.					
	815 815	28 35	PRACT PRACT	A B	1~5 1-5	TU 1	гн	133 133	1207 W	ORE ORE	STAFF
SOC	D	PEDECILI	LD INSTRUCT	NT OF	INSTRUCTO	OR.					
	1	/2 TO 1	UNIT PRACT		1-5		ГН	103	1207 W	ORE	STAFF
SOC	W 468	FIE REREQUI	LD INSTRUCT	TION, I	II. INSTRUCTO	BR.					
	815	50	PRACT		ARR			21	1207 V	ORE	STAFF
snr	W 440	616	ELD INSTRUCT	TON. I	v						
550	D	DEDENIII	ICITE. COC	LI 7.40	•						
	815	67	PRACT	A	ARR			21	1207 W	ORE	STAFF
	815	81	PRACT PRACT PRACT PRACT PRACT PRACT	C	ARR						STAFF
	815	00	PRACT	E	ARR ARR						STAFF
SOC	W 481	TO 1 1	IAL SERVICE	S AND	WELFARE F	OLICY, I					
	816 816	17 24	LECT-DISC LECT-DISC LECT-DISC LECT-DISC	B	2-5 9	M W	F	133 133	1207 W	V ORE	STAFF
	816	31	LECT-DISC	С	10	M W	F	133	1207 V	ORE	STAFF

SOC W 491 RESEARCH SEMINAR.

PREREQUISITE: CONSENT OF INSTRUCTOR.
O TO 2 UNITS

TIME BY ARRANGEMENT AFTER FIRST MEETING.

81649 PRACT ARR Α 81656 PRACT В ARR PRACT С ARR 81663 81671 PRACT D ARR PRACT ARR 81688 Ε

21 1207 W DRE

STAFF STAFF STAFF STAFF STAFF

#### SOCIOLOGY

#### DEPARTMENT OFFICE

342 L H

MAJOR: TWENTY HOURS FROM COURSES IN SOCIOLOGY, EXCLUDING SOCIOLOGY 100, 151, AND 152. SOCIOLOGY MAJORS ARE REQUIRED TO TAKE SOCIOLOGY 184, 185, 300, AT LEAST ONE COURSE FROM AMONG 201, 212, 320, AND 321 (THE INTERPERSONAL RELATIONS AREA), AND AT LEAST ONE COURSE FROM AMONG 218, 223, 270, AND 322 (THE SOCIETAL ANALYSIS AREA) .

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE PSYCHOLOGY AND SOCIAL WORK, THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A MINOR.

DEPARTMENTAL DISTINCTION: IN ORDER TO BE AWARDED DISTINCTION IN SOCIDLOGY AT GRADUATION, THE STUDENT MUST (1) HAVE AT LEAST A 4.0 ALL UNIVERSITY GRADE POINT AVERAGE; (2) MEET THE GENERAL REQUIREMENTS FOR A MAJOR IN SOCIOLOGY; AND (3) IN ADDITION TO THE WORK DONE FOR THE MAJOR, EARN FOUR SEMESTER HOURS OF CREDIT BY ENROLLING IN BOTH OF THE HONORS COURSES (SOC. 290 AND 291).

# COURSES FOR UNDERGRADUATES

SOC

INTRODUCTION TO SOCIOLOGY. \*CREDIT IS NOT GIVEN FOR BOTH SOC. 100 AND R. SOC. 117.

\*3 HOURS

EACH STUDENT MUST ELECT ONE QUIZ-LECTURE COMBINATION. NOTE: LECTURE A WILL HAVE MUCH COMPARATIVE AND ASIAN EMPHASIS. ENTRANCE TO QUIZ &A6 BY CONSENT OF LECTURER ONLY.

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81695	QUIZ	A1	1		TH	209	E B	
	LECT	A	2	14	W	66	L18	JACOBS
81706	QUIZ	A 2	9		F	134	ARMORY	
	LECT	Α	2	M	W	66	LIB	JACOBS
81713	ZIUD	A 3	10		F	134	ARMORY	
	LECT	Zi.	2	M	W	66	LIB	JACOBS
81721	QUIZ	A 4	11		F	134	ARMORY	
	L.ECT	Α	2	M	W	66	LIB	JACOBS
81738	QUIZ	A5	I		F	134	ARMORY	
	LECT	Α	2	M	W	66	LIB	JACOBS
81923	QUIZ	EA6	2 2		F	134	ARMORY	
	LECT	A		M	W	66	LIB	JACOBS
81745	QUIZ	Α7	10		TH	209	E B	
	LECT	M.	2	M	W	66	LIB	JACOBS
81752	QUIZ	A 8	9		TH	134	ARMORY	
	LECT	Α	2	M	W	66	LIB	JACOBS
81760	QUIZ	B1	10		TH	134	ARMORY	
	LECT	В	1	M	W	LHT	HEATER	WILEY
81777	QUIZ	B 2	11		TH	134	ARMORY	
	LECT	В	1	M	W		HEATER	WILEY
81784	QUIZ	В3	1	T	U	209	E B	
	LECT	В	1	М	M		HEATER	MILEY
81791	QUIZ	84	9	T		134	ARMORY	
	LECT	В	1		W		HEATER	WILEY
81802	QUIZ	B5	10	T		134	ARMORY	
	LECT	В	1	M	W		HEATER	WILEY
81810	QUIZ	B 6	11	Ŧ		134	ARMORY	
	LECT	В	1	M	M	LHT	HEATER	MILEY

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SOC
       100
              CONTINUED
                                                                     340 L H
                                   87
        81827
                      01117
                                                                    L H THEATER
                      LECT
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          THE STUDY OF SOCIETY, I. *CREDIT IS NOT GIVEN IN SOC. 151 IN ADDITION TO CREDIT IN
           SOC. 100 OR R. SOC. 117.
           SECTIONS &9 AND &20 ARE FOR JAMES SCHOLARS. OTHERS MAY BE ADMITTED
           WITH CONSENT OF THEIR ADVISORS. ALL LECTURE SECTIONS ARE
           BY TELEVISION.
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        82135
                      QUIZ
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SOC
       184
                NON-STATISTICAL INTRODUCTION TO SOCIAL SCIENCE RESEARCH
          METHODS.
PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR, OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY OR GEOGRAPHY.
           3 HOURS
           *SECTIONS A1, B1, AND C1 ARE FOR SOCIOLOGY MAJORS ONLY.
                                                                              ALL OTHER
           STUDENTS MUST ENROLL IN SECTIONS A2, B2 AND C2.
                     LECT-DISC #A1
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                     LECT-DISC *B1
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                     LECT-DISC *B2
LECT-DISC *C1
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                     LECT-DISC *C2
        82199
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SOC
       185
                INTRODUCTION TO SOCIAL STATISTICS.
           SAME AS GEOG. 185.

PREREQUISITE: SOC. 100 OR CONSENT OF INSTRUCTOR OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY, OR GEOGRAPHY.
           3 HOURS
           *SECTIONS A1, B1, AND C1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2, C2 OP D2. GEOGRAPHY MAJORS
           SEE GEOGRAPHY 185.
                     LECT-DISC *A1
        82200
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                     LECT-DISC *A2
LECT-DISC *B1
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        82231
                     LECT-DISC *B2
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        82249
                     LECT-DISC #C1
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LECT-DISC \*C2

82256

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INDIVIDUAL TOPICS FOR UNDERGRADUATES.
SOC
          PREREQUISITE: SIX HOURS OF SOCIOLOGY OR THREE HOURS OF SOCIOLOGY, CONCURRENT REGISTRATION IN ANOTHER SOCIOLOGY COURSE AND
           CONSENT OF INSTRUCTOR.
           *MAY BE REPEATED FOR A TOTAL OF 4 HOURS.
           *1 OR 2 HOURS
        82263
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              UNDERGRADUATE OPEN SEMINAR.
SOC
       199
           *MAY BE REPEATED.
           ±0 TO 9 HOURS
          TOPIC: CONFLICT THEORY AND SOCIAL THEORY.
        82271
                                                                                          SOUTHWOOD
                             COURSES FOR ADVANCED UNDERGRADUATES
SOC
               INTRODUCTION TO SOCIAL PSYCHOLOGY.
          PREREQUISITE: SOC. 100 OR SOC. 152 OR R. SOC. 117. 
*CREDIT IS NOT GIVEN FOR SOC. 201 AND PSYCH. 201.
           #4 HOURS
          MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE 2 AND LAB-
DISCUSSIONS A2, B2, C2, OR D2.
                 SSIONS A2, B2, C2, OR D2.
LECT-DISC 1 1 0
LECT-DISC 2 10
LAB-DISC A1 8
LAB-DISC A2 8
LAB-DISC B1 10
LAB-DISC B2 10
LAB-DISC B2 10
LAB-DISC C1 1
LAB-DISC C2 1
LAB-DISC D1 3
LAB-DISC D1 3
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        82377
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                                                       TU
              POLITICAL SOCIOLOGY.
SOC
       206
         3 HOURS
          *SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
          STUDENTS MUST ENROLL IN SECTION A2.
        82384 LECT-DISC *A1 3-430
82391 LECT-DISC *A2 3-430
                                                                  314 L H
314 L H
SOC
               CULTURE PATTERNS AND THE INDIVIDUAL.
          PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
          3 HOURS
          *SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
          STUDENTS MUST ENROLL IN SECTION A2.
        213 G H
213 G H
                                                                                         HULETT
SOC
       218
               TECHNOLOGY AND SOCIAL CHANGE.
          PREREQUISITE: SOC. 100 OR EQUIVALENT.
          3 HOURS
          *SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
        *SECTION AT 15 FOR SOCIOEDS FASANCE
STUDENTS MUST ENROLL IN SECTION A2.
82427 LECT-DISC *A1 9-1030 TU TH 223 G H
82434 LECT-DISC *A2 9-1030 TU TH 223 G H
                                                                                          SOL ALIN
        82434
SOC
               STRATIFICATION AND SOCIAL CLASSES.
          PREREQUISITE: THREE HOURS OF SOCIOLOGY OR EIGHT HOURS OF SOCIAL
          SCIENCE.
          3 HOURS
*SECTION A1 IS FOR SOCIOLOGY MAJOR
*STUDENTS MUST ENROLL IN SECTION A2.

FCT-DISC *A1 2 M W F
          3 HOURS
          *SECTION AL IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
        103
                                                                                          WOELEEL
                                                                  103 M H
      225 RACIAL AND CULTURAL MINORITIES.
PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
SOC
          3 HOURS
          *SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
        KRONUS
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SOCIOLOGY OF LEISURE.
PREREQUISITE: THREE HOURS OF SOCIOLOGY OR CONSENT OF INSTRUCTOR. SOC 3 HOURS \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. W F 138 ADMIN W F 138 ADMIN HULETT SOCIOLOGY OF RELIGION. SOC PREREQUISITE: A COURSE IN INTRODUCTORY SOCIOLOGY. 3 HOURS LECK-DISC A M W F 340 I H 82509 WIFRE ANALYSIS OF JUVENILE DELINQUENCY.
PREREQUISITE--SOC. 100 OR 151. SOC 231 3 HOURS. \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. LECT-DISC \*A1 9 LECT-DISC \*A2 9 82516 100 M M B STAFF 82523 LECT-DISC \*A2 W F 100 M M 8 240 COLLECTIVE BEHAVIOR. SOC PREREQUISITE: SOC. 100 OR 151. 3 HOURS \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER 82531 MCPHAIL 82548 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
SAME AS COMM. AND JOURN. 251.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR SOC 251 CONSENT OF THE COLLEGE. 3 HOURS 82555 LECT-DISC C 10 LECT-DISC G 1 M W F 215 G H 215 G H GUBACK KREILING 82562 POPULATION, AND HUMAN ECOLOGY.
SAME AS R. SOC. 270.
PREREQUISITE: SOC. 100 OR 151, OR R. SOC. 117, JUNIOR STANDING. SOC 3 HOURS \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. AGRICULTURAL ECONOMICS MAJORS
SEE RURAL SOCIOLOGY 270.
2570 LECT-DISC \*A1 2-330 TU TH 149 ADMIN
2587 LECT-DISC \*A2 2-330 TU TH 149 ADMIN 82570 CHOLDIN 82587 6 SOCIOLOGY OF THE CITY.
PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING. SOC 276 JUNIOR STANDING. 3 HOURS \*SECTION AL IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. 82594 LECT-DISC \*A1 730-9 213 G H 213 G H CHOLDIN 82605 LECT-DISC \*A2 730-9 SOC HONORS. PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 2 HOURS 82612 CONE ARR STAFF E. A. COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES SOCIAL SYSTEMS AND INSTITUTIONS.
PREREQUISITE: SOC. 100, OR EIGHT HOURS IN SOCIAL SCIENCE, OR SOC CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER TU TH 100 G H 82620 JOHN SON TU TH 82637

385

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PREREQUISITE: SOC. 100.
3 HOURS, OR 1/2 OR 1 UNIT
            *SECTION AL IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
            STUDENTS MUST ENROLL IN SECTION A2.

6644 LECT-DISC *A1 1030-12 TU TH

6651 LECT-DISC *A2 1030-12 TU TH
         82644
                                                                               314 L H
                                                                                                         GORECKI
         82651
                                                                               314 I H
                  INDUSTRY AND SOCIETY.
SAC
        318
            SAME AS L.I.R. 318.
PREREQUISITE: SIX HOURS OF SOCIOLOGY INCLUDING ONE OF THE FOLLOWING--SGC. 218, 223, 300, 322, 326, OR CONSENT OF INSTRUCTOR.
            3 HOURS, OR 1/2 OR 1 UNIT
            #SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
            STUDENTS MUST ENROLL IN SECTION A2. LABOR AND INDUSTRIAL RELATIONS
            MAJORS SEE L. I. R. 318.
2669 LECT-DISC *A1 1030-12 TU TH
2676 LECT-DISC *A2 1030-12 TU TH
          82669
                                                                                                          KARSH
                                                                            300 L H
         82676
            FAMILY AND KINSHIP.

PREREQUISITE: SDC. 100, OR EIGHT HOURS OF SOCIAL SCIENCE.
snc
        321
            OR CONSENT OF INSTRUCTOR.
            3 HOURS, OR 1/2 OR 1 UNIT
            3 HOURS, OR 172 UK 1 UNIT

**SECTION ALI IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER

STUDENTS MUST ENROLL IN SECTION A2.

2683 LECT-DISC *AL 10 M W F 314

**P91 LECT-DISC *AZ 10 M W F 314
         82683 LECT-DISC *A1 10
82691 LECT-DISC *A2 10
                                                                               314 L H
314 L H
                                                                                                          JENNE
                  SOCIOLOGY OF BUREAUCRACY AND ADMINISTRATIVE ORGANIZATION.
SOC 322
            PREREQUISITE: NINE HOURS OF SOCIOLOGY INCLUDING SOC. 300, OR
            CONSENT OF INSTRUCTOR.
            3 HOURS, OR 1/2 OF 1 UNIT
            *SECTION AL IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
            STUDENTS MUST ENROLL IN SECTION A2.

701 LECT-DISC *A1 10

719 LECT-DISC *A2 10
                                                               M W F
                                                                               300 L H
                                                                                                         KIMBERLY
            6 SOCIAL MOBILITY AND CLASS STRUCTURE.
PREREQUISITE: SOC. 223, OR CONSENT OF INSTRUCTOR.
3 HOURS, OP 1/2 OP 1 UNIT
*SECTION A1 IS FOR SOCIOLOGY MAJORS CNLY. ALL OTHER
SOC
            STUDENTS MUST ENROLL IN SECTION A2.

1726 LECT-DISC *A1 7-930PM M
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          82733
                        LECT-DISC #A2
                                                    7-930PM M
SOC
                  CRIMINOLOGY.
            PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING, PRE-LEGAL JUNIORS MAY BE ADMITTED WITH CONSENT OF INSTRUCTOR.
             3 HOURS, OR 1/2 OR 1 UNIT
*SECTION AL IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
            STUDENTS MUST ENROLL IN SECTION A2.
741 LECT-DISC *A1 11
                                                               M W F
          82741
                                                                              300 L H
                                                                                                         STAFF
                        LECT-DISC *A2
          82758
                                                                              300 L H
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SOC
                   RESEARCH METHODS IN SOCIAL PSYCHOLOGY.
            SAME AS PSYCH. 332.
PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR
            SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
              HOURS, GR 1/2 OR 1 UNIT
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         82772
                        LAB-DISC
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                                                    8-10 TU TH
1 TU TH
         82815
                        LAB-DISC
                                        82
                                        B 2
SOC
        343 SOCIAL CHANGE IN DEVELOPING AREAS.
            PREREQUISITE: SOC. 100 OR 151 OR EQUIVALENT.
3 HOURS, OP 1/2 OR 1 UNIT
8847 LECT-DISC A 330-5 TU TH
                                                                 TU TH 300 L H
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SOC 317

SOCIOLOGY OF LAW.

) SOVIET SOCIAL INSTITUTIONS. PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR. PREREQUISITE WAIVED FOR MAJORS AND MINORS IN RUSSIAN LANGUAGE SOC AND AREA STUDIES. 3 HOURS, OR 1/2 OR 1 UNIT M W F 82854 LECT-DISC A 340 L H GORECKI ADVANCED SOCIAL PSYCHOLOGY. SOC AND AS PSYCH. 351 AND COMM. 351.
PREREAULITE PSYCH. 201 DR SOC. 201 AND PSYCH. 235 OR SOC. 385
OP A COMPARABLE STATISTICS COURSE. 3 HOURS, OR 1/2 OR 1 UNIT 861 LECT M W F 82861 207 PSYCH BLDG 2 ATTITUDE THEORY AND MEASUREMENT.
SAME AS PSYCH. 352 AND COMM. 352.
PREREQUISITE: SOC. 201 OR PSYCH. 201 AND A COURSE IN STATISTICS.
3 HOURS, OR 1/2 OR 1 UNIT
9 M W F 207 PSYCH BLDG SOC 352 82879 SOC 355 CHINESE SOCIETY PREREQUISITE: SOC. 100, D. G. S. 151-52, R. SOC. 117, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT M W F WONG 82886 370 L H INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., ANTH., H. ED., PHYSL., PSYCH., V.M.S., AND SOC 369 700L. 369. PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OR SOCIOLOGY.

\*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.

\*3 OR 5 HOURS, OR 1/2 OR 1 UNIT M W F 112 C A 82893 LECT-DISC 11 371 COMPARATIVE SOCIAL INSTITUTIONS
PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT SOC LECT-DISC A M W F 300 L H JACOBS 3 LATIN AMERICAN SOCIAL ORGANIZATION AND INSTITUTIONS.
PREREQUISITE: SOC. 100 OR 151 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
12911 LECT-DISC A 10 M W F 340 L H SOC 82911 SOLAUN SOCIAL STATISTICS, I. SOC 385 PREREQUISITE: SOC. 185, OR MATH. 122 OR 123, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENPOLL IN SECTION A2. 82929 LECT-DISC \*A1 LECT-DISC \*A2 SOUTHWOOD 300 L H 82936 300 METHODS OF FIELD RESEARCH. SOC 386 SAME AS PSYCH. 386.
PREREQUISITE: SOC. 184 AND 185, OR PSYCH. 235.
3 HOURS, OR 1/2 OR 1 UNIT STUDENTS MUST ENROLL IN SECTION A2, PSYCHOLOGY MAJORS SEE PSYCHOLOGY 386. 2943 LECT-DISC \*A1 2951 LECT-DISC \*A2 82943 3-430 TU TH 314 L H PORTES 314 L H 82951 3-430 TU TH COURSES FOR GRADUATES SOC 407 POPULATION STUDIES AND DEMOGRAPHIC ANALYSIS. SAME AS R. SOC. 407.

PREREQUISITE: TWELVE HOURS OF SOCIAL SCIENCE AND INTRODUCTORY STATISTICS OR MAJOR IN SOCIOLOGY, OR CONSENT OF INSTRUCTOR. 3/4 OR 1 UNIT 82968 LECT-DISC S 2-4 TH 316N M H FOL SE

387

SOC	409 PS1 SAM PREREQUI 1 UNIT	YCHOLOGICAL S ME AS PSYCH. ISITE: PSYCH.	CALING. 409. 307.				
	82975	LECT	10-12	. F	708	PSYCH BLDG	
SOC		MINAR ON RESE			LY LIFE.		
	82982	LECT-DISC	A 10-12	T U	245	A H	FARBER
SOC	1 UNIT	EORY OF SOCIA					
	82990	LECT-DISC	A 3-5	W	6	COM W	MCPHAIL
SOC		CIAL AND CULT ISITE: UNDERGI DLOGY.			N SOCIOLO	DGY OR	
		LECT-DISC	A 9-11	. TU	11	COM W	DRUM
SOC	S AM PREREQUI	GANIZATIONAL ME AS B. ADM. ISITE: ENROLLI DPERATING PRO	410, POL. S. MENT AS A MAJ	OR IN ORGANI	IZATION S		
		LECT-DISC	10-12	. W	166	COM W	
SOC	SAM	RVEY METHODS . ME AS B. ADM. ISITE: SOC. 1	471.		ENT.		
		LECT-DISC	A 3-5	M	102	LH	SUDMAN
SOC	*STUDENT * 1 UNII		LATE TWO UNIT	S .			
	83034	LECT-DISC	A 1-3	TU	28	COM W	STAFF
soc		SOCIOLOGICA SITE: SOC. 3		ALCOTT PARSO	ONS.		
		LECT-DISC	A 4-53	0 TU	325	G H	JOHNSON
SOC	SAM PREREQUI CONSENT	ECIAL PROBLEM: ME AS R. SOC. ISITE: ONE UN OF INSTRUCTOR	487. IT OF GRADUAT R.		SOCIOLOG	GΥ.	
	83059	CONF	ARR				STAFF
SOC	1/2 TO 2	DIVIDUAL TOPIO		GY.			
	83066 83073	CONF I	A ARR B ARR				STAFF

STAFF

SOC 499 THESIS RESEARCH.

0 TO 4 UNITS

\*SECTION B IS FOR DOCTORS THESIS.

83081 CONF \*B ARR

DEPARTMENT OFFICE

224 L H

MAJOR: TWENTY-FOUR HOURS, EXCLUDING 101, 102, 103, 104, 115, AND INCLUDING 211, 212, 221, 222, A MINIMUM OF ONE COURSE MUST BE TAKEN FROM EACH OF THE FOLLOWING GROUPS: 1) SPANISH 241, 305, 306; 2) SPANISH 242, 307, 308; 3) SPANISH 309, 311, 314; 4) SPANISH 331, 332; 5) SPANISH 351, 352, LINGUISTICS 300, LINGUISTICS 302. AT LEAST TWO LITERATURE COURSES MUST BE TAKEN AT THE 300 LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN RACH IFT WO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, AND RUSSIAN.

#### COURSES FOR UNDERGRADUATES

SPAN ELEMENTARY SPANISH, I.

NO CREDIT TOWARD GRADUATION IS GIVEN FOR SPAN. 101 WITHOUT SPAN. 102.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS M3-M28.

\*ALL STUDENTS ASSIGNED TO 101 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN STARRED SECTIONS.
ALL OTHER STUDENTS MUST REGISTER IN NON-STARRED SECTIONS. LECT-DISC +A1 83493 8 TUMTHE 154 ADMIN TUWTHE 8 ARMORY RROLER 136 83109 9 TUWTHE 224 DKH 83116 9 TUWTHE 136 ARMORY 83123 10 TUNTHE 176 L H 83131 10 THWTHE 325 DKH 83148 11 TUWTHE 216 83155 11 TUWTHE 1438 M E B 83504 12 MTUWTH 102 83162 12 MTUWTH 152 ARMORY 83170 1 MTUWTH 137 ARMORY î 224 D K H 83187 MTUWTH 83194 MTUWTH 176 LH 83205 MTUWTH 230 LECT-DISC G1 3 MILLWITH 83212 216 L B LECT-DISC MTUWTH 83220 G2 G H 4 LECT-DISC 4 R3237 H1 MTHWTH 176 L н LECT-DISC 83244 H2 4 MTUWTH 230 Ł Н 83251 LAB M 3 8-830 M TH 202 н 830-9 83269 LAB M 4 M TH 202 L Н M 5 9-930 83276 LAB м TH 202 Н 930-10 83283 LAB M 6 М TH 202 Н 83291 LAB M 7 10-1030 М TH 202 Н 83301 LAB M 8 1030-11 М TH 202 1 LAB M 9 11-1130 83319 202 L 83326 LAB M10 1130-12 М TΗ 202 L LAB 83333 M11 12-1230 M TΗ 202 1 83341 LAB M12 1230-1 М TH 202 1 83358 LAB M13 1-130 TН 202 L 83365 LAB M14 130-2 М 202 TH Ł 83372 E AB M15 2-230 М TH 202 4 230-3 M16 М 83380 LAB TH 202 1. 83397 LAB M17 3-330 М TΗ 202 1 83408 M18 330-4 LAB М TH 202 1 н LAR 83415 4-430 M19 М TH 202 ٤ Н 430-5 83422 M 20 м IAR TH £. н 83430 LAB M21 5-530 м ΤН 202 L н 83447 LAB M22 530-6 М TΗ 202 83454 LAB M 25 7-730PM M ТН 202 Ł 730-8PM 83461 LAB M26 м TH 202 83479 LAB M27 8-830PM M 202 TH 830-9PM M 83486 LAB M28 TH 202

SPAN 102 ELEMENTARY SPANISH, II.

PREREQUISITE: SPAN. 101 OR ONE YEAR OF HIGH SCHOOL SPANISH. 4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

ALL STUDENTS IN THIS COURSE.

\*STARRED SECTIONS WILL MEET FIVE HOURS PER WEEK.

ALL NEW AND TRANSFER STUDENTS AS WELL AS ALL STUDENTS ASSIGNED TO 102 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN THE STARRED SECTIONS. ALL OTHER STUDENTS MUST REGISTER IN

	RED SECTION						
83778	LECT-DISC		B	MTUWT		431	ARMORY
83511	LEC T-DISC	A2	8	TUWT		176	L H
83 785	LECT-DISC	*B	9	MTUWT	HF.	137	ARMORY
83529	LECT-DISC	D	11	TUWT	HF	325	DKH
83792	LECT-DISC	*X1	12	MTUWT	HF	137	ARMORY
83803	LECT-DISC	*X2	12	MTUWT	HF	431	ARMORY
83536	LECT-DISC	х3	12	MTUWT	H	325	DKH
83811	LECT-DISC	*E1	1	MTUWT	4F	152	ARMORY
83543	LECT-DISC	E2	1	MTUWT	H	136	ARMORY
83551	LECT-DISC	F	2	MTUWT	Н	4	GH
83568	LECT-DISC	G	3	MITUWIT	4	108	LH
83575	LAB	T 3	8-830	TU	F	202	LH
83582	LAB		4 830-9	TU	F	202	LH
83590	LAB	T :	9-930	TU	F	202	L B
83601	LAB	T 6	930-10	TU	F	202	L H
83618	LAB	T :	7 10-1030	TU	F	202	L H
83625	LAB	T 8	8 1030-11	TU	F	202	L R
83632	LAB	T	9 11-1130	ŤU	F	202	Ł H
83640	LAB	T 10	0 1130-12	TU	F	202	LH
83657	LAB	TI	1 12-1230	TU	F	202	LB
83664	LAB	T12	2 1230-1	TU	F	202	LB
83671	LAB	T 1:	3 1-130	TU	F	202	LH
83689	LAB	T14	4 130-2	TU	F	202	L H
83696	LAB	T15	5 2-230	TU	F	202	L H
83707	LAB	T16		TU	F	202	L H
83714	LAB	TI	7 3-330	TU	F	202	L H
83721	LAB	T 14	330-4	TU	Æ	202	LH
83739	LAB	T19	9 4+430	TU	F	202	L H
83746	LAB	T20		TU	F	202	L H
83753	LAB	T 2		TU	F	202	LH
83761	LAB	T2:	2 530-6	TU	F	202	L H

SPAN 103

3 INTERMEDIATE SPANISH, I. PREREQUISITE: SPAN. 102 OR TWO YEARS OF HIGH SCHOOL SPANISH. 4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

LABORATORY SECTIONS M3-M26.
SECTION &B IS AN HONORS SECTION, OPEN ONLY TO JAMES SCHOLARS OR TO

SECTION OF IS AN HUNDRY SECTION, OPEN UNLY TO JAMES SCHOLARS OR IN STUDENTS WHO RECEIVED AN A IN SPAN 102. \*STARRED SECTIONS WILL MEET FIVE HOURS PER WEEK, ALL NEW AND TRANSFER STUDENTS AS MELL AS ALL STUDENTS ASSIGNED TO 103 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN THE STARRED SECTIONS. ALL OTHER STUDENTS MUST REGISTER IN NON-STARRED SECTIONS.

84129	LECT-DISC	* A	B	MTU	JWTHE	137	AI	RMOI	RY
84168	LECT-DISC	€8	9	FU	JWTHE	4	G	н	
84136	LECT-DISC	*C1	10	MEL	JWTHF	224	D	K	4
83828	LECT-DISC	C 2	10	TI	JWTHF	152	AF	RMOI	RY
84143	LECT-DISC	*D1	11	MTI	JWTHE	170	L	H	
83835	LECT-DISC	D2	11	TU	JWTHE	217	G	Ħ	
84151	LECT-DISC	*X1	12	MTU	JWTHE	151	AI	RMOI	RY
83842	LECT-DISC	X 2	12	MTU	JWTH	224	D	K I	4
83850	LECT-DISC	E1	1	MTU	HTWL	217	G	Н	
83867	LECT-DISC	E2	I	MTU	JWTH	230	Ł	H	
83874	LECT-DISC	Fl	2	MTU	JWTH	170	L	H	
83881	LECT-DISC	F2	2	MT	HTWL	102	L	H	
83899	LECT-DISC	G	3	MIT	JWTH	176	L	H	
83900	LAB	М 3	8-830	M	TH	210	L	H	
83917	LAB	M 4	830-9	M	TH	210	L	H	
83924	LAB	H 5	9-930	M	TH	210	Ł	H	
83931	LAB	M -6	930-10	M	TH	210	L	Н	
83949	LAB	M 7	10-1030	M	TH	210	L	H	
83956	LAB	M 8	1030-11	M	TH	210	L	H	
83963	LAB	M 9	11-1130	M	TH	210	Ł	H	
83971	LAB	M10	1130-12	M	TH	210	L	H	
83988	LAB	M11	12-1230	M	TH	210	L	Н	
83995	LAB	M12	1230-1	M	TH	210	Ł	Н	
84008	LAB	M13	1-130	M	TH	210	L	B	
84015	LAB	MI4		M	TH	210	_	H	
84022	LAB	M15	2-230	M	TH	210	L	Н	

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430-5
         84079
                      LAB
                                     M20
                                                          M
                                                                TH
                                                                         210
                                                                               L
                                               5-530
                                                          М
         84086
                      LAB
                                     M21
                                                                TH
                                                                         210
                                                                               L
         84093
                      LAB
                                     M22
                                             530-6
                                                          М
                                                                TΗ
                                                                         210
                                                                               I H
                                    M25 7-130-8PM
                                               7-730PM M
                      LAB
         84104
                                                                TH
                                                                         210
                                                                               LH
         84111
                      LAB
                                                          M
                                                                TH
                                                                         210
SPAN 104
                INTERMEDIATE SPANISH, II.
           PREREQUISITE: SPAN. 103 OR THREE YEARS OF HIGH SCHOOL SPANISH.
           4 HOURS
           SECTION &C IS AN HONORS SECTION, OPEN ONLY TO JAMES SCHOLARS OR
           TO STUDENTS WHO RECEIVED AN A IN SPANISH 103. STUDENTS ASSIGNED ALL NEW AND TRANSFER STUDENTS AS WELL AS ALL STUDENTS ASSIGNED TO 104 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN THE
           STARRED SECTIONS WHICH WILL MEET FIVE HOURS PER WEEK.
OTHER STUDENTS MUST REGISTER IN NON-STARRED SECTIONS.
                                                                                 Δ1.6
                     TUDENTS MUST REGISTER
LECT-DISC M
LECT-DISC B
LECT-DISC &C
LECT-DISC *X1
LECT-DISC X2
LECT-DISC X2
LECT-DISC G
                                                            TUWTHE
         84175
                                               8
                                                                        170 L H
154 ADMIN
                                                            TUWTHE
         84182
                                              10
                                                            TUNTHE
                                                                         154
                                                                               ADMIN
         84232
                                              12
                                                          MILIWIHE
         84225
                                                                         230
                                                                               1 H
                                              12 2 3
                                                                               ARMORY
        84190
                                                          MIUWIH
                                                                         136
         84201
                                                          MTUWTH
                                                                        108
                                                                              LH
                                                          MTUWTH
         84218
                                                                       118 I H
SPAN 107
                 READINGS IN SPANISH (RE: SPAIN).
           PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL
           ACHIEVEMENT EQUIVALENT TO SPAN. 103.
           3 HOURS
                      LECT-DISC
         84240
                                                          M W F
SPAN 111
           CONVERSATIONAL SPANISH.

PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL
           ACHIEVEMENT EQUIVALENT TO SPAN. 103.
           # HOURS
         84257
                      LECT-DISC
                                               1.1
                                                         MTHWTH
                                                                       151 ARMORY
SPAN 199
                UNDERGRADUATE OPEN SEMINAR.
          *MAY BE REPEATED.
           *0 TO 9 HOURS
         84264
                      CONF
                                            ARR
                                                                                                  STAFF
                               COURSES FOR ADVANCED UNDERGRADUATES
                  INTERMEDIATE COMPOSITION AND CONVERSATION, I.
SPAN
      211
          REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.

PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.
           3 HOURS
         84271
                      LECT-DISC B1
LECT-DISC B2
LECT-DISC C
LECT-DISC D1
LECT-DISC D2
                      LECT-DISC
                                                В
                                    Α
                                                                              ARMORY
                                                             WF
                                                                         151
         84289
                                               9
                                               9
                                                              WF
         84296
                                                                         152
                                                                               ARMORY
                                                                        151
        84307
                                               10
                                                             ₩
                                                                  F
                                                                               ARMORY
                                                                 ۶
                                                                         102
        84314
                                                              W
                                                                               L H
                                               11
                                                         M W F
         84321
                                    D2
X
                                                                         230
                                               11
                                                                               L H
         84339
                      LECT-DISC
                                               12
                                                                         217
                                                                              G H
                      LECT-DISC
         84346
                                     Ε
                                               1
                                                                         151
                                                                              ARMORY
         84353
                      LECT-DISC
                                   F
G
                                               2
                                                          М
                                                                 F
                                                                        152
                                                                               ARMORY
                      LECT-DISC
        84361
                                                2
                                                                         433
                                                                              ARMORY
SPAN 212
           INTERMEDIATE COMPOSITION AND CONVERSATION, II.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
           PREREQUISITE: SPAN. 211 OR EQUIVALENT.
           3 HOURS
                                                             W F
         84378
                       LECT-DISC B
                                                                        170
                      LECT-DISC C
LECT-DISC D
LECT-DISC F
                                                           М
                                                                               ARMORY
         84385
                                               10
                                                                        431
                                                              W F
         84392
                                               11
                                                                         224
                                                                              DKH
         84403
                                                2
                                                                         137
                                                                               ARMORY
SPAN 213
           ADVANCED COMPOSITION AND CONVERSATION, I. PREREQUISITE: SPAN. 212 OR EQUIVALENT.
           3 HOURS
         84411
84428
                     LECT-DISC A
LECT-DISC C
LECT-DISC D
                                                                        151 ARMORY
137 ARMORY
                                                                  F
                                                              W F
                                                           M
                                               10
```

230-3

330-4

4-430

M16

M17

M18

M19

30-3 M 3-330 M 30-4 M 4-430 M

М

TH

TH

TH

TH

210 L H

210

210 I H

210 I H

I H

SPAN 103 CONTINUED

LAB

LAB

LAB

84030

84047

84054

84061

84435

1.1

137 ARMORY

SPAN	215 SPC	KEN SPANISH							
		FOR TEACHE SITE: SPAN.				ANISH.			
	4 HOUPS	SITE SPAINS	2124 35	ALUA STAN	DI VG.				
	84442	LECT-DISC LECT-DISC	Z 1	2-4	MTUWT	Н	217	G H	
	84450	LECT-DISC	7.2	2-4	MTUWT	Н	151	ARMORY	
SPAN	221 SPA	NISH DRAMA	AND POET	RY OF THE	THENT	IETH (	CENTUR	RY.	
		SITE: SPAN.	104 OR 1	FOUR YEAR	S OF H	IGH SC	HOOL	SPANISH.	
	3 HOURS	LECT-DISC	В	9	ч и	F	102		
	84467 84474	LECT-DISC	C		M W	F	000		
	84481 84499	LECT-DISC LECT-DISC LECT-DISC	D	10	M W	F	108	L H	
	84499	LECT-DISC	E	1	M W	F	176	LH	
SPAN	222 SPA	NI SH-AMERIC	AN PROSE	FICTION	OF THE	TWENT	HT311	CENTURY.	
		SITE: SPAN.	221.						
	3 HOURS 84500	LECT-DISC	R	9	M W	F	230	1 H	
	84517	LECT-DISC	E	1	M W	F	118		
SDAN	231 CON	MERCIAL SPA	N7 CH						
3 F MIN	PREREQUI	SITE: SPAN.	104 DR I	FOUR YEAR	S OF H	IGH SC	HOOL	SPANISH.	
	3 HOURS								
	84524	LECT-DISC		11	M W	F	4	G H	
SPAN	241 STU	DIES IN MODI	ERN SPANI	ISH LITER	ATURE.				
	PREREQUI	SITE: SPAN.	222 OR 8	EQUIVALEN	Τ.				
	3 HOURS 84531	LECT-DISC		1.0	м ж	E	108	1 H	
	04231	2201 0130		10		,	100	2 11	
SPAN	242 \$10	DIES IN MODE	222 OP	I SH - AMERI	CAN LI	TERATU	JRE.		
	3 HOURS	Janes Jr Aire	222	201146					
		LECT-DISC		1	M W	F	102	L H	
SPAN	28C TEA	CHERS COURS	Ε.						
	REQUIRED	FOR TEACHE	R-TRAINI	NG MAJORS	IN SP	ANISH.			
	PREREQUI	SITE: SPAN.	222 OR 2	211 AND 2	12,				
	2 HOURS	T MEET DURE	NG THE S	IX-WEEK S	THOENT	TEACH	HING F	PERIOD.	
	84556	LECT-DISC :	¢Ν	4-530	TU T	Н	118	L H	FLORES
SPAN	291 SEN	IOR THESIS.							
	FOR CAND	IDATES FOR	HONORS IN	SPANISH					
	2 HOUPS								
	84563	CONF	AA AB	RR					STAFF
		COURSES	FOR ADV	ANCED UND	ERGRAD	UATES	AND C	GRADUATES	
	NOTE: AL	L ADVANCED	COURSES	IN SPANIS	H UNLE	SS OTH	HERWIS	SE NOTED HAVE	
	THE FOLL	OWING PRERE	QUISITE:	SPAN. 22	2 OR E	QUIVAL	ENT.		
SPAN	305 ROM	ANTICISM AN	D REALTS	4 IN NINE	TEENTH	-CENTU	IRY SE	PANISH	
	LIT	ERATURE.							
	PREREQUI	SITE: SPAN.	222 OR 6	EQUIVALEN	Τ.				
	8 4571	OR 1/2 UNIT LECT-DISC		1	M W	F	431	AR MOR Y	COWES
	0 1311	200, 0130		•			731	A	CONLS
60/:	224	051.55	0.5.1.1.1						
SPAN	306 THE	GENERATION SITE: SPAN.	JF 1898	EO LEVAL EN	т				
	3 HOURS	OR 1/2 UNIT	222 04 1	AND TA ME EM					
	84588	OR 1/2 UNIT LECT-DISC		10	M W	F	102	LH	LOTT
SPAN	307 SDA	NISH-AMERICA	AN LITERA	TURE TO	1888.				
D. MIT	PREREQUI	SITE: SPAN.	222 OR 6	QUIVAL EN	Τ.				
	3 HOURS	OR 1/2 UNIT							
	84595	LECF-DISC		11	M W	F	152	ARMORY	MEEHAN

SPANISH-AMERICAN MODERNISMO. SPAN 308 PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT M W F 118 L H FORSTER 84606 LECT-DISC INTRODUCTION TO MEDIEVAL SPANISH LITERATURE. PREREQUISITE: ONE OF SPAN. 305, 306, 307 OR 308, OR EQUIVALENT. 2 HOURS OR 1/2 UNIT 84613 LECT-DISC TU TH 170 I H BALDWIN SPAN 311 DON QUIXOTE AND THE PROSE OF THE GOLDEN AGE.
PREREQUISITE: SPAN. 305, 306, 307, OR 309, OR EQUIVALENT.
2 HOURS OR 1/2 UNIT M W 170 L H 84621 LECT-DISC 10 HERSHBERG 1 LA CULTURA HISPANICA: ESPANA. PREREQUISITE: SPAN. 222 OR EQUIVALENT. SPAN 331 PREREQUISITE STATE CO. 2 POURS OR 1/2 UNIT \*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. 84638 LECT-DISC 10 TU TH 170 L H FLORES SPAN 332 LA CULTURA HISPANICA: HISPANOAMERICA. REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT \*WILL BE COMPLETED BEFORE THE SIX-WEEK STUDENT-TEACHING PERIOD. 84645 LECT-DISC \*G 3 MTUWTH 0 230 L H SYNTAX.

REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT
84677 LECT-DISC 11 TO 11 TU TH 118 L H WANNER COURSES FOR GRADUATES SPAN 400 BEGINNING SPANISH FOR GRADUATE STUDENTS. 4 HOURS 4 HOURS 14684 LECT-DISC 84684 8 FUWTHE 102 L H SPAN 405 SPANISH BIBLIOGRAPHY. 1/2 UNIT 84691 LECT-DISC 4 TU 108 L H BLAYLOCK RENAISSANCE AND BAROQUE DRAMA IN SPAIN. SPAN 417 PREREQUISITE: SPAN. 311 AND 314, OR EQUIVALENT. 1 UNIT 84702 LECT-DISC 170 L H PORQUERAS-MAYO SPAN 418 SEMINAR IN RENAISSANCE AND BAROQUE LITERATURE. \*MAY BE REPEATED FOR CREDIT.

\*1 UNIT 84710 LECT-DISC \*X 7-9PM TU 269 L H PORQUERAS-MAYO SPAN 421 MOD 1 UNIT MODERN SPANISH NOVEL AND ESSAY. 84727 LECT-DISC M W 431 ARMORY COWES MODERN SPANISH DRAMA. SPAN 423 1 UNIT

TU TH 230 L H

PASQUARIELLO

11

LECT-DISC

84734

SPAN 426 SP SPANISH POETRY OF THE NINETEENTH AND TWENTIETH CENTURIES. LECT-DISC 2 TU TH 84741 429 LIB PIETRANGELI SPAN 431 SPANISH-AMERICAN PDETRY: MIDDLE AMERICA. PREREQUISITE: SPAN. 307, 308, AND 310, OR EQUIVALENT. 1 UNIT 84759 LECT-DISC 431 ARMORY FORSTER 33 SPANISH-AMERICAN NOVEL: MIDDLE AMERICA. PREREQUISITE: SPAN. 307, 308, AND 310, OR EQUIVALENT. 1 UNIT 84766 LECT-DISC 11 M W 118 L H LEAL SPAN 436 SEMINAR IN SPANISH-AMERICAN NOVEL.
SAME AS C. LIT. 462.
PREREQUISITE: SPAN. 433 OR 434. 1 UNIT
LECT-DISC 10 M W 118 L H 84773 LEAL SPANISH-AMERICAN ESSAY. SPAN 438 PREKL. 1 UNIT PREREQUISITE: SPAN. 307, 308, OR 310. M W 170 L H 84781 LECT-DISC 1 SPAN 442 SEMINAR IN MODERN SPANISH LITERATURE. PREREQUISITE: SPAN. 305 AND 421 OR 423 OR EQUIVALENT. 1 UNIT 84798 TU TH LECT-DISC 170 I H LOTE \*SECTION X TOPIC: CALDERON. SPAN 453 HISTORY OF THE SPANISH LANGUAGE. 1 UNIT TU TH 118 L H 84809 LECT-DISC BLAYLOCK SPAN 462 INTRODUCTION TO ROMANCE LINGUISTICS.
SAME AS LING., FR., ITAL. AND PORT. 462. 1/2 UNIT LECT-DISC TU TH 230 L H 84816 KAHANE SPAN 471 TEACHING COLLEGE SPANISH. O CREDIT 84823 LECT-DISC F 108 L H SPAN 491 SPECIAL TOPICS IN SPANISH.

1/2 OR 1 UNIT
84831 CONF ARR STAFF

ARR

SPAN 499 THESIS RESEARCH.

0 TO 4 UNITS
84848 CONF

ALLEN, COWES FORSTER KAHANE LEAL, LOTT PASQUARIELLO PIETRANGELI PORQUERAS-MAY

#### SPECIAL EDUCATION

DEPARTMENT OFFICE

FFICE 210 EDUC

#### COURSES FOR UNDERGRADUATES

EXCEPTIONAL CHILDREN. PREREQUISITE: SOPHOMORE STANDING AND/OR PSYCH. 100. 3 HOURS
LECT-DISC M W F 62 K M 84855 BUCK SP ED 199 UNDERGRADUATE OPEN SEMINAR.
\*MAY BE REPEATED.
\*0 TO 9 HOURS 84862 CONF ARR 210 EDUC STAFF COURSES FOR ADVANCED UNDERGRADUATES SP ED 249 INDEPENDENT STUDY. PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WO...
2 HOURS CONF 210 FOUC 84870 ARR STAFF THESIS. PREREQUISITE: SENIOR STANDING. 2 HOURS CONF 84887 210 EDUC STAFF SP ED 292 THESIS. PREREQUISITE: SENIOR STANDING. 2 HOURS 84894 CONE ARR 210 EDUC STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES WORKSHOP AND LABORATORY IN EDUCATION OF EXCEPTIONAL CHILDREN. PREREQUISITE: CONSENT OF INSTRUCTOR.
4 TO 8 HOURS, OR 1 TO 2 UNITS
4905 LAB-DISC A 3
A 3-5 84905 EDUC JORDAN E 33 33 EDUC 11 1005 W NEV 385 EDUC 84912 LAB-DISC B ARR 84920 LAB-DISC E 10 84937 LAB-DISC G ARR CHAL FANT SCHULTZ 10-1 COL WOLFE SCHOOL KARNES SPECIAL EDUCATION OF THE DEAF, I. SP ED 319 PREREQUISITE: CONSENT OF INSTRUCTOR.
5 HOURS, OR 1 TO 1 1/2 UNITS 84944 TU TH 33 EDUC LECT-DISC 1-4 O'NEILL SP ED 321 EDUCATION OF DISTURBED AND CONDUCT-PROBLEM CHILDREN. PREREQUISITE: SP. ED. 117 OR EQUIVALENT AND EDPSY. 236. OR EQUIVALENT.
3 HOURS, OR 1/2 TO 1 UNIT
951 LECT-DISC 84951 1 EDUC SCHULTZ SP ED 322 PSYCHOLOGY AND EDUCATION OF THE MENTALLY HANDICAPPED, I. PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT LECT-DISC H W F 21 D K H 84969 STAFF 4 MENTAL AND EDUCATIONAL MEASUREMENT OF EXCEPTIONAL CHILDREN.
PREREQUISITE: SP. ED. 117, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT SP ED 324 4-6 TU TH 36 COM W R COL WOLFE SCHOOL ZEHRBACH 84976 LECT-DISC A 4-6 84983 LECT-DISC G1 ARR

COURSES FOR GRADUATES SP ED 416 PROBLEMS IN MENTAL DEFICIENCY. PREREQUISITE: SP. ED. 322 OR CONSENT OF INSTRUCTOR. 1 UNIT 10-12 TU 84991 LECI-DISC 28 EDUC SALVIA SP ED 417 PSYCHO-EDUCATIONAL PROBLEMS OF EXCEPTIONAL CHILDREN. PREREQUISITE: SIXTEEN HOURS OF PSYCHOLOGY AND/OR EDUCATION, OR CONSENT OF INSTRUCTOR. 1 UNIT 85003 LECT-DISC 7-9PM M 166 EDUC JORDAN COMMUNICATIVE PROBLEMS OF THE DEAF. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 85011 LECT-DISC ARR QUIGLEY SP ED 419 DIAGNOSIS OF LEARNING DISABILITIES.
PREREQUISITE: SP. ED. 318(B); PSYCH. 443 OR EDPSY. 343; CONSENT OF INSTRUCTOR. 1 UNIT CHAL FANT CHALFANT SP ED 421 ADMINISTRATION AND SUPERVISION OF SPECIAL EDUCATION. PREREQUISITE: SP. ED. 417, ED. AD. 460, AND CONSENT OF INSTRUCTOR. FIELD TRIPS. 1 UNIT 85035 LECT-DISC 10-12 W 382 FDUC HENDERSON SP ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE
DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
\*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL
CONSENT OF THE DEAN. \*1/2 OR 1 UNIT 210 EDUC 85042 ARR STAFF 56 PROBLEMS AND TRENDS IN SPECIAL EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 TO 2 UNITS \*SECTION G: CULTURALLY DISADVANTAGED.

85050 LECT-DISC B 7-9PM TU 11 1005 W NEV

85067 LECT-DISC E 1-3 M 382 EDUC

85074 LECT-DISC \*G ARR COL WOLFE SCHOOL CHALFANT SCHULTZ KARNES SP ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT. 1 TO 2 UNITS 1 TO 2 UNITS 85081 LAB-DISC G ARR COL WOLFE SCHOOL 85099 LAB-DISC A 6-8PM TU 160 COM W KARNES STAFF SEMINAR FOR ADVANCED STUDENTS OF EDUCATION. SP FD 490 OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY. 1 TO 2 UNITS

SP ED 499 THESIS RESEARCH.

O TO 4 UNITS 85124 CONF ARR 210 EDUC STAFF

LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.

210 EDUC

210 EDUC

STAFF

STAFF

85100

1 TO 2 UNITS 85117 CON

CONF

SP ED 491 FIELD STUDY AND THESIS SEMINAR.

MAJOR: TWENTY HOURS IN SPEECH IN ADDITION TO SPCH. 101, 105, AND 141. AT LEAST FIVE OF THE TWENTY HOURS MUST BE IN COURSES NUMBERED 300 OR HIGHER; SPCH. 301 MUST BE INCLUDED. IN DECLARING A MAJOR IN SPEECH THE STUDENT MAY CHOOSE ONE OF THESE AREAS FOR EMPHASIS: GENERAL SPEECH, PUBLIC ADDRESS, INTERPRETATION, THEATRE ART, SPEECH SCIENCE AND PHONETICS, SPEECH CORRECTION AND AUDIOLOGY. THE STUDENT SHOULD REPORT TO 133 LINCOLN HALL TO BE ASSIGNED AN AREA ADVISER WITH WHOM HE MAY CONFER CONCERNING REQUIRED AND RECOMMENDED COURSES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED WITH THE APPROVAL OF THE STUDENT'S MAJOR ADVISER AND HIS DEPARTMENT HEAD. IF TWO MINOR SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE INCLUDED IN EACH. A MINOR PROGRAM IN ENGLISH MAY NOT INCLUDE MORE THAN THREE HOURS IN LITERATURE COURSES OPEN TO FRESHMEN AND SOPHOMOPES AND MAY NOT INCLUDE RHET. 101, 102, 151, 271, AND 272. NO LANGUAGE COURSES MAY SATISFY THE MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THE LANGUAGE DEPARTMENTS.

NOTE: TWO TEACHER-TRAINING CURRICULA ARE OFFERED IN SPEECH. SEE THE CURRICULUM PREPARATORY TO SPEECH CORRECTION WORK AND THE CURRICULUM PREPARATORY TO THE TEACHING OF SPEECH.

LIMITED PARTICIPATION AS A SUBJECT IN LABORATORY OR CLASSROOM EXPERIMENTS MAY BE INCLUDED AS A PARTIAL REQUIREMENT IN 100 AND 200 LEVEL COUNSES.

#### COURSES FOR UNDERGRADUATES

SPCH 101 PRINCIPLES OF EFFECTIVE SPEAKING.
3 HOURS

\*SECTION &F IS RESERVED FOR SUPERIOR STUDENTS INCLUDING JAMES SCHOLARS.

85131	LECT-DISC	Α1	8	M	M	F	130	L H
85149	LECT-DISC	A2	8	M	w	F	132	LH
85156	LECT-DISC	Α3	8	M	W	F	140	LH
85163	LECT-DISC	A 4	8	M	W	F	242	M E B
85171	LECT-DISC	Δ5	8	M	W	F	116	E H
85188	LECT-DISC	Bl	9	М	W	F	130	L H
85195	LECT-DISC	82	9	M	W	F	132	LH
85206	LECT-DISC	В3	9	M	W	F	140	LH
85213	LECT-DISC	B4	9	M	W	F	242	MEB
85221	LECT-DISC	85	9	M	W	F	209	DKH
85238	LECT-DISC	86	9	M	W	F	332	ARMORY
85245	LECT-DISC	C 1	10	M	W	F	130	L H
85252	LECT-DISC	C 2	10	M	W	F	218	AGR ENG
85260	LECT-DISC	C 3	10	M	W	F	140	L H
85277	LECT-DISC	C 4	10	M	M	F	242	MEB
85284	LECT-DISC	€5	10	M	W	F	304	Ł H
85291	LECT-DISC	63	10	М	W	F	209	E B
85302	LECT-DISC	D1	11	M	W	F	130	L H
85310	LECT-DISC	D2	11	M	W	F	132	LH
85327	LECT-DISC	D3	11	M	W	F	140	L H
85334	LECT-DISC	D4	11	М	M	F	242	M E B
85341	LECT-DISC	D5	11	М	W	F	212	WOODSHOP
85359	LECT-DISC	× 1	12	М	W	F	130	LH
85366	LECT-DISC	X 2	12	М	W	F	132	L H
85373	LECT-DISC	Х3	12	М	M	F	140	LH
85381	LECT-DISC	Εl	1	M	W	F	130	L H
85398	LECT-DISC	E2	1	М	W	F	116	LH
85409	LECT-DISC	E 3	1	М	M	F	140	L H
85416	LECT-DISC	E4	1	М	W	F	242	MEB
85641	LECT-DISC	73*	2	M	W	F	262	ARMORY
85423	LECT-DISC	Fl	2	М	iel	F	130	LH
85431	LECT-DISC	F2	2 2	М	W	F	116	L H
85448	LECT-DISC	F3	2	M	W	F	140	LH
8 5 4 5 5	LECT-DISC	F4	2	M	W	F	242	MEB

SPCH	101 CONTI	NUED						
	85462	LECT-DISC	F5	2	MWF	329	ARMORY	
	85470	LECT-DISC	G1	3	M W F	130	LH	
	85487	LECT-DISC	62	3	M W F	116	LH	
	05505	LECT-DISC	U3	3	M W F	130	LH	
	85512	LECT-DISC	H2	4	MWE	116	- 11	
	85520	LECT-DISC	11	8-930	THITH	130	1 11	
	85537	LECT-DISC	12	8-930	TO TH	242	MER	
	85544	LECT-DISC	M 1	9-1030	TU TH	140	I H	
	85551	LECT-DISC	M2	9-1030	TU TH	132	LH	
	85569	LECT-DISC	N1	930-11	TU TH	130	LH	
	85576	LECT-DISC	N2	930-11	TU TH	242	MEB	
	85583	LECT-DISC	P1	1030-12	TU TH	140	L H	
	85591	L EC T-D I SC	P 2	1030-12	TU TH	132	LH	4
	85601	LECT-DISC	R1	1-230	TU TH	140	LH	
	85619	LECT-DISC	R2	1-230	TU TH	132	LH	,
	85626	LECT-DISC	# 1 T 2	230-4	10 1H	140	LH	
	101 CONTI 85462 85470 85487 85494 85505 85512 85520 85512 85551 85569 85569 85576 85583 85591 85601 85601 85626 85633	FEC1-012C	12	230-4	10 In	132	LH	
	105 VOI							
SPEH	2 HOURS	CE AND ARTI	CULATI	JN •				
	85658	LECT	I	3	M	100	G H	PADEN
	85665	LECT	2	10	TU	100	GH	PADEN
	85672	LECT QUIZ QUIZ QUIZ QUIZ QUIZ QUIZ QUIZ QUIZ	В	9	M TU W F W F W F TU TH TU TH TU TH TU TH	145	LH	
	85680	QUIZ	C	10	WF	145	LH	
	85697	QUIZ	D	11	W F	145	LH	
	85708	QUIZ	E	1	W F	145	LH	
	85715	QUIZ	0	11	TU TH	145	LH	
	05722	QUIZ	Q	12	TO TH	145	LH	
	05750	OUIZ	c	2	TH TH	145	LH	
	85754	0117	T	3	TU TH	145	LH	
	42.2.	4412	•			1.5		
COCH	107 PAR	OLT A MENTADY	BBOCED	10 5				
SECH	2 HOURS	CLANENIAKI	PRUCED	JK E.				
	85761	LEGT-DISC	P	11	TU TH	255	ARMOR Y	MURPHY
	85779	LECT-DISC	R	1-3	TH	49	ARMORY L I R	BROADRICK
SPCH	111 VEF	RBAL COMMUNI	CATION					
	4 HOURS							
	85786	LECT	1	10	TU		AUDITORIUM	THOMAS & STAFF
	85793	LECT	2	1	TU TU M W F M W F M W F M W F		AUDITOR IUM	THOMAS & STAFF
	85804	DISC	A 1	8	MWF	262	ARMORY	
	85811	DISC	A2	8	MWF	330	ARMORY	
	85829	DISC	A3	8	M W F	429	ARMORY	
	85836	DISC	A4 AC	8	M W F	143	A H ADMIN M E B	
	85851	DISC	A A	0	MWE	134	M E D	
	85868	DISC	Δ7	8	M W F	304	LH	
	85875	DISC	B1	9	MWF	136	L H M E B ARMORY	
	85882	DISC	82	9	MWF	330	ARMORY	
	85890	DISC	83	9	M W F	429	ARMORY	
	85901	DISC	B 4	9	MWF	143	A H	
	85918	DISC	85	9	MWF	148	ADMIN	
	85925	DISC	C1	10		136	MEB	
	85932	DISC	C 2	10	MWF	330	ARMORY	
	85940	DISC	C 3	10	MWF	429	AKMORY	
	95964	DISC	C 5	10	MMF	143	ADMIN	
	85971	DISC	06	10	MUE	2.0	COM M	
	85989	DISC	D1	11	M W F	136	MEB	
		DISC	D2	11	M W F	330	ARMORY	
	85996			1.1	M W F	429	ARMORY	
	85996 86009	DISC	D3			143	A 11	
	85996 86009 86016	DISC	D3 D4	11	MWF	143	A D	
	85996 86009 86016 86023	DISC DISC DISC	D3 D4 D5	11	M W F	148	ADMIN	
	85996 86009 86016 86023 86031	DISC DISC DISC DISC	D3 D4 D5 X1	11 11 12	M W F M W F	148	ADMIN	
	85996 86009 86016 86023 86031 86048	DISC DISC DISC DISC	D3 D4 D5 X1 X2	11 11 12 12	M W F M W F M W F	148 136 330	ADMIN	
	85996 86009 86016 86023 86031 86048 86055	DISC DISC DISC DISC	D3 D4 D5 X1 X2 X3	11 11 12 12	M W F M W F M W F M W F	148 136 330 429	ADMIN M E B ARMORY ARMORY	
	85996 86009 86016 86023 86031 86048 86055 86062	DISC DISC DISC DISC DISC DISC	D3 D4 D5 X1 X2 X3 X4	11 11 12 12 12 12	M W F M W F M W F M W F	148 136 330 429 143	ADMIN M E B ARMORY ARMORY A H	
	85996 86009 86016 86023 86031 86048 86055 86062	DISC DISC DISC DISC DISC DISC DISC	D3 D4 D5 X1 X2 X3 X4	11 11 12 12 12 12	M W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W W W	148 136 330 429 143 148	ADMIN M E B ARMORY ARMORY A H ADMIN	
	85996 86009 86016 86023 86031 86048 86055 86062 96070 86087	DISC DISC DISC DISC DISC DISC DISC DISC	D3 D4 D5 X1 X2 X3 X4 X5	11 11 12 12 12 12 12		148 136 330 429 143 148 116	ADMIN M E B ARMORY ARMORY A H ADMIN L H	
	85996 86016 86016 86023 86031 86048 86055 86062 96070 86087 86094	DISC DISC DISC DISC DISC DISC DISC DISC	D3 D4 D5 X1 X2 X3 X4 X5 X6 E1	11 11 12 12 12 12 12 12 12		148 136 330 429 143 148 116 136	ADMIN M E B ARMORY ARMORY A H ADMIN L H	
	85996 86009 86016 86023 86031 86048 86055 86062 96070 86087 86094 86105 861112	DISC DISC DISC DISC DISC DISC DISC DISC	D3 D4 D5 X1 X2 X3 X4 X5 X6 E1 E2 E3	11 11 12 12 12 12 12 12 12		148 136 330 429 143 148 116 136 330 429	ADMIN M E B ARMORY ARMORY A H ADMIN L H M E B ARMORY	C
	85996 86016 86013 86031 86048 86055 86062 96070 86087 86094 86105 86112	DISC DISC DISC DISC DISC DISC DISC DISC	D3 D4 D5 X1 X2 X3 X4 X5 X6 E1 E2 E3	11 11 12 12 12 12 12 12 12 12		148 136 330 429 143 148 116 136 330 429 143	ADMIN M E B ARMORY ARMORY A H ADMIN L H M E B ARMORY ARMORY	Ć
	85996 86009 86016 86023 86031 86048 86055 86062 36070 86087 86094 86105 86112 86120	REAL COMMUNI LECT DISC DISC DISC DISC DISC DISC DISC DISC	D3 D4 D5 X1 X2 X3 X4 X5 X6 E1 E23 E4 E5	11 11 12 12 12 12 12 12 12 11 1		148 136 330 429 143 148 116 136 330 429 143 148	ADMIN M E B ARMORY ARMORY A H ADMIN L H M E B ARMORY ARMORY	

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&F4
F5
F7
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G2
G3
G4
G5
G6
G7
H1
H2
H3
L1
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330 ARMORY
429 ARMORY
           86144 DISC
86151 DISC
           86169
                             DISC
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143
148 AL
132 L H
145 L H
136 M E B
ARMOR
ARMOR
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143 A H
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           86272
           86280
                              DISC
                             DISC
           86297
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           86308
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148 ADMIN
148 ADMIN
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           86315
                             DISC
                                               L2 8 TH 148 ADMIN
L3 8-10 TU 148 ARMORY
L3 8 TH 148 ARMORY
N1 9-11 TU 143 A H
N1 10 TH 143 A H
N2 10 TU 148 ARMORY
N2 9-11 TH 148 ARMORY
P1 11-1230 TU TH 143 A H
P2 11-1230 TU TH 143 A
P2 11-1230 TU TH 143 A
S1 2-330 TU TH 148 ADMIN
N3 10 TU TH 148 ADMIN
N3 10 TU TH 148 ADMIN
N3 10-12 TH 148 ADMIN
P3 11-1230 TU TH 148 ADMIN
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           86322
                           DISC
           86330
                            DISC
           86347
                             DISC
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DISC
DISC
DISC
           86354
           86361
           86379
           86386
           86393
                            DISC
SPCH 112
                      VERBAL COMMUNICATION.
          PREREQUISITE: SPCH. 111.
4 HOURS
                                                                                               151 E E 8
148 ARMORY
148 ARMORY
148 ARMORY
148 ARMORY
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8
9
           86429
                              LECT
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                      LECT
DISC A
DISC B
DISC C
DISC D
DISC D
DISC X
DISC E
DISC F
DISC & G
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           86436
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           86443
           86451
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           86468
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                                                                                                148 ARMORY
148 ARMORY
148 ARMORY
148 ARMORY
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           86475
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           86482
           86490
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           86501
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SPCH 113 GROUP DISCUSSION AND CONFERENCE LEADERSHIP.
              PREREQUISITE: SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WALVED FOR
               SUPERIOR STUDENTS, INCLUDING JAMES SCHOLARS.
               3 HOURS
                            LECT-DISC C
LECT-DISC D
LECT-DISC E
LECT-DISC T
                                                                           M W F
M W F
M W F
           86518
                                                               10
                                                                                                255 ARMORY
                                                                                                                                 MURPHY
                                                                                                262 ARMORY
49 L I R
49 L I R
                                                            11
           86525
           86532
                                                               2-4
           86540
                                                                                                 49
                                                                                                        1
                      ADVANCED PUBLIC SPEAKING: THE LOGICAL BASES OF DISCOURSE.
SPCH 121
           PREREQUISITE: SPCH. 101, SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WALVED FOR SUPERIOR STUDENTS, INCLUDING JAMES SCHOLARS.
           3 HOURS
86557 LECT-DISC B 9 M W F 262 ARMORY
86564 LECT-DISC C 10 M W F 262 ARMORY
86571 LECT-DISC S 2-330 TU TH 262 ARMORY
                                                                                                                                 HAYES
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2

SPCH 111 CONTINUED

WEN7 FI CLARK

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SPCH 141 ORAL INTERPRETATION.
               3 HOURS
                *SECTION &F IS RESERVED FOR SUPERIOR STUDENTS--INCLUDING JAMES
                SCHOLARS.
            86589 '.ECT-DISC A 8 M W F 255 ARMORY 86596 LECT-DISC B1 9 M W F 116 L H 86667 LECT-DISC C1 10 M W F 125 DK H 86621 LECT-DISC C2 10 M W F 116 L H 86621 LECT-DISC C2 10 M W F 116 L H 86621 LECT-DISC C2 10 M W F 116 L H 86639 LECT-DISC C2 10 M W F 116 L H 86653 LECT-DISC C 11 M W F 255 ARMORY 86653 LECT-DISC E1 1 M W F 255 ARMORY 86661 LECT-DISC E1 1 M W F 255 ARMORY 86661 LECT-DISC E2 1 M W F 255 ARMORY 86678 LECT-DISC E3 T M W F 255 ARMORY 86668 LECT-DISC C 8 M W F 255 ARMORY 86669 LECT-DISC M 930-11 TU TH 49 L I R 86703 LECT-DISC N 930-11 TU TH 49 L I R 86711 LECT-DISC R 1230-2 TU TH 262 ARMORY 86728 LECT-DISC R 1230-2 TU TH 265 ARMORY 86728 LECT-DISC S 2-330 TU TH 255 ARMORY 86728 LECT-DISC S 2-330 TU TH 255 ARMORY 86728 LECT-DISC S 2-330 TU TH 255 ARMORY
             86589
                                '. ECT-DISC
                                                                     8
                                                                                                         255
                                                                                                                 AR MOR Y
            142 GROUP CRAL INTERPRETATION OF LITERATURE.
PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.
                2 HOURS
            86742
                                LECT-DISC
                                                                                    TU TH 255 ARMORY GOLDEN
SPCH 157 ELEMENTS OF STAGECRAFT.
               SAME AS THEAT. 120.
NOT OPEN TO THEATRE MAJORS.
               4 HOURS
LECT-DISC
                                                                   2-4
                                                                                    TU TH DRAMA RHRSL KRAN
            86750
SPCH 161 FUNDAMENTALS OF ACTING.
                         SAME AS THEAT. 170
            3 HOURS
                                                                                                      160 ARMORY
                                                       9
                                                                            M W F W F W W
            86767
                               LECT-DISC B
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                                LECT-DISC C
            86774
            86781
                                LECT-DISC
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TU TH
TU TH
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            86799
                               LECT-DISC L
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            86800
                               LECT-DISC R
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SPCH 177 THE ARTS OF PUBLIC DISCOURSE.
               4 HOURS
                                                                                    M W F 112 G H
TU 116 L H
TU 116 L H
TU 116 L H
TH 116 L H
TH 116 L H
            86817
                               LECT-DISC
                              QUIZ 1
QUIZ 2
QUIZ 3
QUIZ 4
QUIZ 5
            86824
                                                                     8
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            86831
                              QUIZ
QUIZ
QUIZ
QUIZ
            86849
            86856
            86863
86871
                                                                 11
                                                                                                        116 L H
                                                   6
                                                                    I
                      THE ARTS OF THE THEATRE AND INTERPRETATIVE SPEECH.
SPCH 178
              8 THE 64.-
4 HOURS
16888 LECT-DISC
16895 QUIZ
16906 QUIZ
16913 QUIZ
16913 QUIZ
16921 QUIZ
16938 QUIZ
16945 QUIZ
            86888
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132 L H
116 L H
255 ARMORY
132 L H
116 L H
255 ARMORY
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86938
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            86945
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               FRESHMAN SEMINAR.

PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A
SPCH 198
                SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
            3 HOURS
86952 LECT-DISC &C 10 M W F 1205 W OREGON MUELLER
86960 LECT-DISC &E 1 M W F 1205 W OREGON MUELLER
SPCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
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400

DOYLE

\*0 TO 9 HOURS

CONF

86977

#### COURSES FOR ADVANCED UNDERGRADUATES

SPCH 201 INTRODUCTION TO EMPIRICAL STUDIES IN SPEECH COMMUNICATION. 3 HOURS 10 86984 LECT-DISC M W F 49 L I R CLARK SPCH 203 DRA 3 HOURS DRAMATICS FOR TEACHERS. 86991 LECT-DISC 11 160 ARMORY MITCHELL SPCH 204 SPE 3 HOURS SPEECH FOR TEACHERS. 87004 LECT-DISC 9 M W F 49 L I R 8 SPEECH AND HEARING PROBLEMS IN THE CLASSROOM.
PREREQUISITE: JUNIOR STANDING. SPCH 208 3 HOURS M W F 106 SP CLINIC 87011 LECT-DISC 9 ERICKSON SPCH 211 BUSINESS AND PROFESSIONAL SPEAKING. PREREQUISITE: SPCH. 101. 2 HOURS LECT-DISC L LECT-DISC M LECT-DISC N 262 ARMORY 262 ARMORY 262 ARMORY OLSON 87029 8 TU TH 87036 TU TH OLSON 87043 10 TU TH OLSON SPCH 221 ADVANCED PUBLIC SPEAKING: THE PSYCHOLOGICAL BASES OF DISCOURSE. PREREQUISITE: SPCH. 101 AND JUNIOR STANDING. 3 HOURS 10 LECT-DISC C 87051 M W F 132 L H M W F 132 L H 87068 SPCH 243 ORAL INTERPRETATION OF SHAKESPEARE. PREREQUISITE: SPCH. 141, JUNIOR STANDING. 2 HOURS TU TH 262 ARMORY GOLDEN 87075 LECT-DISC 1.1 SPCH 255 FUNDAMENTALS OF PLAY DIRECTING. SAME AS THEAT. 281.
PREREQUISITE: SPCH. 161 OR THEAT. 176, AND JUNIOR STANDING. 3 HOURS LECT-DISC STUDIO THTR KRAN STUDIO THTR KRAN STUDIO THTR KRAN STUDIO THTR KRAN 10 B TU TH LECT-DISC M 9-11 SPCH 263 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.
SAME AS RHET. 263, R. TV. AND THEAT. 280.
PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS 87101 LECT-DISC M W A ENSEMBLE KRAN AULETTA M A ENSEMBLE KRAN HONORS COURSE. SPCH 291 PREREQUISITE: SENIOR STANDING, A GRADE-POINT AVERAGE OF 4.0 OR CONSENT OF HEAD OF DEPARTMENT. \*STUDENTS MAY ACCUMULATE 4 HOURS. \*2 HOURS 87118 CONF SPCH 293 INDIVIDUAL TOPICS. PREREQUISITE: TEN HOURS OF SPEECH, GRADE-POINT AVERAGE OF 3.75, CONSENT OF HEAD OF DEPARTMENT.
\*STUDENTS MAY ACCUMULATE 4 HOURS. \*2 HOURS 87125 CONF

SPCH	301 GENERAL PREREQUISITE	PHONETICS. : JUNIOR STANDII	NG.				
	3 HOURS, OR	1/2 OR 1 HNTT					
	87132 LEC 87140 QUI	T-DISC 2 2 2 3 2 4 2 5	9	TU TH W W	304 L	7 11	PADEN
	87157 QUI	2 3	10	W	330	H	
	87164 QUI 87171 QUI	Z 5	2	W W		I H I H	
SPCH	307 THE ART	OF THE SCREEN:	NARRATION	٧.			
	SAME AS	COMM. 307. : TRAINING IN C	OTTICAL AC	DODACHEC T	0 1 1750	DATURE DRAMA	
	ART, OR MUSI	C. AND CONSENT (	OF INSTRUC	TOR.	U LITE	RATORE, DRAMA,	
	3 HOURS OF 1 87189 LEC	/2 UNIT	3	M tel	630	ARMORY	MUELLER
	0,10,		3 3~5	F	430	ARMORY ARMORY	
SPCH	311 BRITISH	PUBLIC ADDRESS	•				
	3 HOURS, OR	: JUNIOR STANDIN	VG .				
	87196 LEC	T-DISC	11	M W F	121	L Н	MURPHY
SPCH	313 INTERPE	RSONAL COMMUNICAL STANDAR	ATION: DIS	CUSSION AN	D INTE	RVIEW.	
	3 HOURS, OR 87207 LEC	1/2 OR 1 UNIT		) E-44 OF 1142	IN 06 101		
	87207 LEC	T-DISC AF	RR				
		05 400					
SPCH	320 THEORY PREPEQUISITE	: SPCH. 121 OR (	N. CONSENT OF	INSTRUCTO	Р.		
	3 HOURS, OR	: SPCH. 121 OR ( 1/2 OR 1 UNIT	1.1	M 11 E		LIR	115 117 51
	87214 LEC	1-0130	11	m W F	49	LIK	MENZEL
SDCH	322 MODERN	DHE TODICAL THEOL	D V				
3-011	PREREQUISITE	: SENIOR STANDI	VG .				
	3 HOURS, OR 87221 LEC	1/2 OR 1 UNIT T⊣DISC	2	M W F	121	н	NICHOLS
	0,221	, 5136	-		121	- **	MICHOL 5
SPCH	333 STYLE A	ND DELIVERY.					
	PREREQUISITE	: A SOPHOMORE CO JUNIOR STANDING	DUPSE IN C	COMPOSITION	( WRIT	TEN OR	
	3 HOURS, OR	1/2 OR 1 UNIT					
	87239 LEC	T-DISC	9	M W F	255	ARMORY	MACLAY
SPCH	342 ORAL IN	TERPRETATION OF	POETRY.				
	3 HOURS, OR	: SPCH. 141. 1/2 OR 1 UNIT					0.110.1.5
	87246 LEC	T-DISC	10	m W F	121	Н	BURNS
SPCH	345 CONTEMP	ORARY APPROACHE	TO OPAL	INTERPORTA	MOLT		
SPUH	PREREQUISITE	: SPCH. 141 OR I	CONSENT OF	INSTRUCTO	R.		
	3 HOURS, OR 87253 LEC	1/2 OR 1 UNIT	1.1	M W F	255	ARMOR Y	MACLAY
		2000					
SPCH	361 HISTORY	OF THE EUROPEAN	N THEATRE	TO THE REN	AISSAN	CE.	
	SAME AS	THEAT. 361.					
	3 HOURS, OR 87261 LEC	1/2 OR 1 UNIT T-DISC	2	M W F	CONF RI	DOM KRAN	SCOTT
SPCH	366 DEVELOP	MENT OF THE AME	RICAN THE	ATRE.			
	SAME AS 3 HOURS. OR	THEAT. 366.					
	87278 LEC	THEAT. 366. 1/2 OR 1 UNIT	9	M W F	CONF R	DOM KRAN	ARBENZ
SPCH	375 SPEECH	SCIENCE, I.					
	PREREQUISITE	LING. 375. : SPCH. 109 DR	301, DR CO	INSENT OF I	NSTRUC	TOR.	
	3 HOURS OR 1 87285 LEC	/2 UNIT			304		ZEMLIN
	JIZOJ LEC	. 0130	_		JU 7		C C C X . I

SPCH 378 HEARING SCIENCE. PREREQUISITE: SPCH. 375. 3 HOURS OR 1/2 UNIT LECT-DISC

M W F 324 I H

DANILOFE

083 DEVELOPMENT OF SPOKEN LANGUAGE.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
87303 LECT-DISC 8 M W F 106 SP C SPCH 383

106 SP CLINIC

SPEECH PATHOLOGY, I.

PREREQUISITE: TEN HOURS OF SPEECH, INCLUDING SPCH. 109, AND PRIOR
OR CONCURRENT REGISTRATION IN SPCH. 375, OR CONSENT OF INSTRUCTOR. SPCH 385 3 HOURS OR 1/2 UNIT

LECT-DISC M W F 304 L H SIMPSON 87311

PRACTICUM IN SPEECH DIAGNOSIS AND THERAPY. SPCH 387 PREREQUISITE: SPCH. 386, AND 389, A GRADE-POINT AVERAGE OF AT LEAST 3.5 AND CONSENT OF INSTRUCTOR. \*STUDENTS MAY PEPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH, FOR 3 CREDIT HOURS. \*3 HOURS OR 1/2 UNIT

LECT-DISC 2-4 M W F 106 SP CLINIC SPCH 389 PSYCHOLOGICAL APPRAISAL IN SPEECH PATHOLOGY AND AUDIOLOGY.

PREREQUISITE: SPCH. 383 AND 385, A COURSE IN TESTS AND MEASUREMENT, OR CONSENT OF INSTRUCTOR.

87328

3 HOURS OR 1/2 UNIT 87335 LECT-DISC 10-12 TU 330 I H DEMARCO 11

SPCH 391 INTRODUCTION TO HEARING DISORDERS.

PREREQUISITE: SPCH. 375 AND 378, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT 87342 LECT-DISC M W F 304 L H STARK

SPCH 392 SEMINAR IN DEVELOPMENT AND MEASUREMENT OF SPOKEN LANGUAGE. PREREQUISITE: SPCH. 383 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT SHRINER

LECT-DISC

MEASUREMENT OF AUDITORY PERCEPTION. SPCH 397 PREREQUISITE: SPCH. 391 AND 395.
3 HOURS, OR 1/2 OR 1 UNIT
87367 LECT-DISC 7-PM 7-PM M

106 SP CLINIC O'NEILL

8 PRACTICUM IN AUDIOLOGY.
PREREQUISITE: SPCH. 389 AND 393.
\*STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH, SPCH 398 FOR 3 CREDIT HOURS. \*3 HOURS OR 1/2 UNIT

87374 LECT-DISC ERICKSON

SPCH 399 DESIGN AND ANALYSIS OF EXPERIMENTS IN SPEECH AND HEARING SCIENCE.

PREREQUISITE: GRADUATE STANDING OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT 1381 LECT-DISC A 10-12 M W 17399 LECT-DISC B 1-3 M W 87381 DE MARC O DEMARC O 324 I H 324 I H 87399

COURSES FOR GRADUATES

SPCH 400 SEMINAR IN DRAMATIC FORM AND STRUCTURE.

SAME AS THEAT. 400.

PREREQUISITE: SPCH. 361 AND 362, OR EQUIVALENT, AND

CONSENT OF INSTRUCTOR. 1 UNIT

87400 LECT-DISC TU TH CONF ROOM KRAN

SPCH 403 SEMINAR FOR TEACHERS OF SPEECH.

1 UNIT

LECT-DISC ARR 87417 BURNS

SPCH 411 TH THE GREEK TRADITION IN RHETORIC AND ORATORY. 87424 1 FC T-D I SC APP QUANTITATIVE METHODS IN RHETORICAL ANALYSIS.

PREREQUISITE: INTRODUCTORY COURSE IN STATISTICS AND CONSENT OF SPCH 420 INSTRUCTOR. 1 UNIT 87431 LECT-CISC M W F 121 L H CLARK SEMINAR IN RHETORICAL THEORY. \*MAY BE REPEATED UP TO A TOTAL OF 4 UNITS.
\*1 UNIT TH 121 L H NICHOLS SPCH 441 HI HISTORICAL BACKGROUND OF ORAL INTERPRETATION. 87456 LECT-DISC ARR SPCH 443 SEMINAR IN THE ORAL INTERPRETATION OF INDIVIDUAL LITERARY STYLES. PREREQUISITE: GRADUATE STANDING; SPCH. 344. \*COURSE MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS. \*1 UNIT 87463 LECT-DISC PROBLEMS IN PLAY DIRECTING IN THE EDUCATIONAL THEATRE. SAME AS THEAT. 451. 1 UNIT 87471 LECT-DISC 2 TU TH CONF ROOM KRAN BEHR INGER 5 SEMINAR IN THEATRE ART. SAME AS THEAT. 465. \*STUDENTS MAY ACCUMULATE TWO UNITS. SPCH 465 \*1 UNIT 87488 LECT-DISC 9 TU TH CONF ROOM KRAN HEWITT SPCH 469 THE STAGE HISTORY OF CLASSIC ENGLISH PLAYS. SAME AS ENGL. AND THEAT. 469.
PREREQUISITE: ONE YEAR OF WORK IN DRAMATIC LITERATURE OR THEATRE HISTORY, CONSENT OF INSTRUCTOR. 1 UNIT 87495 LECT-DISC M W F 194 L H SHATTUCK

PSYCHOACOUSTICS OF SPEECH.
PREREQUISITE: SPCH. 375, 376, 391 OR CONSENT OF INSTRUCTOR. SPCH 472

1 UNIT 1 UNIT \*TWO HOURS TO BE ARRANGED. \*8-10 TU TH 330 I H 87506 DANILOFE

SPCH 475 EXPERIMENTAL PHONETICS, I. SAME AS LING. 475. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 1-4 TU 87513 LECT-DISC 330 I H ZEMLIN

SEMINAR IN STUTTERING. PREREQUISITE: SPCH. 388. 1 UNIT 87521 LECT-DISC 330-5 M W 106 SP CLINIC SILVER MAN

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ADVANCED CLINICAL TECHNIQUES IN SPEECH AND HEARING.
SPCH 486
          PREREQUISITE: CONSENT OF INSTRUCTOR.
          1/2 TO 4 UNITS
THE FOLLOWING TOPICS ARE OFFERED EACH SEMESTER:
*SECTION A: THEORY OF CLINICAL PRACTICE.
*SECTION B: SPEECH PATHOLOGY.
          *SECTION C: AUDIOLOGY
          *SECTION D: LANGUAGE DISORDERS.
          *SECTION E: FIELD STUDY.
        87538
                    LECT-DISC *A
                                                                                            STAFF
                     LECT-DISC *B
                                          ARR
                                                                                            STAFF
        87545
                     LECT-DISC *C
                                         ARR
                                                                                            STAFF
        87552
                    LECT-DISC *D
                                         ARR
                                                                                            STAFF
        87560
                   LECT-DISC *E
        87577
                                         ARR
                                                                                            STAFF
                DIAGNOSTIC PROCEDURES IN PATHOLOGIES OF SPEECH AND LANGUAGE.
SPCH
      488
        PREREQUISITE: CONSENT OF INSTRUCTOR.
          1 UNIT
        87584
                    1 FCT-DISC
                                             3-430
                                             3-430 TH 116 L H
9-1030 F 106 SP CLINIC
                                                                                            SANDERS
                SEMINAR IN OROFACIAL AND LARYNGEAL PATHOLOGIES OF SPEECH.
SPCH
          PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
          *1 UNIT
           THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, EACH SEMESTER:
          SECTION A: CLEFT PALATE.
        SECTION B: GRGANIC VOCAL PROBLEMS.
87591 LECT-DISC A 7-PM
                                                      TU 510 E CHALMERS
                                                                                           SIMPSON
          SEMINAK IN HEARING DISORDERS.
PREREQUISITE: SPCH. 391.
*MAY BE REPEATED FOR A MAXIMUM OF THREE UNITS.
SPCH 491
          *1 UNIT
          THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, ONE OR TWO EACH
          SEMESTER:
          SECTION A: AUTOMATIC AUDIOMETRY.
SECTION B: AURAL REHABILITATION.
          SECTION C: HEARING AIDS AND AMPLIFICATION.
7602 LECT-DISC A 1-3 M W
                                                                  324 I H
        87602
                                                   M W
                                                                                           STARK
          5 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF THE HEAD OF THE DEPARTMENT.
SPCH 495
          *OPEN TO MASTERS CANDIDATES FOR ONE UNIT, TO DOCTORS CANDIDATES FOR
          ONE OR TWO UNITS.
           *1 OR 2 UNITS
        87610
                    CONF
                                  Α
                                         ARR
                                 B
C
                                            1-230 TU TH
        87634
                     CONF
                                                                  324 I H
                                                                                            SANDERS
                                         ARR
        87641
                    CONF
                                                                                            SHRINER
                    CONF
        87659
                                 D
                                         ARR
                                                                                            SILVERMAN
        87627
                    CONE
                                         ARR
                                 F
SPCH 499
               THESIS RESEARCH.
         O TO 4 UNITS
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INSTRUCTORS: ANDERSON, BEHRINGER, BROADRICK, BURNS, CLARK, DANILOFF, HEWITT, INCE, KIM, LOCKE, MACLAY, MURPHY, NEBERGALL, NICHOLS, O'NEILL, SCOTT, SHATTUCK, SHRINER, SILVERMAN, STARK, WENZEL, ZEMLIN

87666 CONF AR

#### THEATRE

DEPARTMENT DEFICE

4-122 KRANNERT CENTER

#### COURSES FOR UNDERGRADUATES

THEAT 100 PRACTICUM, I. PREREQUISITE: CONSENT OF INSTRUCTOR FOR NON-THEATRE MAJORS. 1 TO 3 HOURS

F DRAMA RHRSL KRAN M DRAMA RHRSL KRAN KRAFFT KRAFFT

THEATRE: MODERN FORMS.

THEAT 101 THEMAN 4 HOURS LECT-DISC M W DRAMA RHRSL KRAN
F DRAMA RHRSL KRAN KRAFET 1

THEAT 103 THEATRE: CLASSICAL AND MEDIEVAL FORMS. PREREQUISITE: THEAT. 101.

PREREUG.
3 HOURS
LECT-DISC 87709 9 M W F A ENSEMBLE KRAN TYMCHY SHYN

17TH AND 18TH CENTURY FORMS.

PREREQUISITE: THEAT. 101.

3 HOURS
LECT-DISC 87716 10 M W F ORCH RHRSL KRAFFT

MATERIALS AND PROCESSES: TEXTILES. THEAT 111 2 HOURS

2 HOURS

\*FOUR HOURS TO BE ARRANGED.

\*TO-12 TU TH CONF ROOM KRAN 87723 KRAFFT

THEAT 120 ELEMENTS OF STAGECRAFT. SAME AS SPCH. 157.
NOT OPEN TO THEATRE MAJORS. 4 HOURS
LECT-DISC 87731 TU TH DRAMA RHRSL KRAN 2-4

SCENECRAFT.
OPEN TO STUDENTS IN FINE AND APPLIED ARTS ONLY. THEAT 121 2 HOURS

\*FOUR HOURS TO BE ARRANGED. 87748 LECT-DISC \*11 W F STUDIO THTR KRAN WORKS

STAGE LIGHTING AND SOUND EFFECTS. THEAT 131

3 HOURS \*ONE HOUR TO BE ARRANGED. M STUDIO THTR KRAN
W STUDIO THTR KRAN
TU TH STUDIO THTR KRAN
TH STUDIO THTR KRAN 87755 \*11-1 LECT-DISC P BRADY D \*12

LECT-DISC R \*1 R \*2 BRADY

THEAT 140 COSTUME CONSTRUCTION. 2 HOURS

\*FOUR HOURS TO BE ARRANGED.

\*FOUR HOURS TO BE ARRANGED.

\*1 TU TH COSTUME SHP KRAN PAVELIN

THEAT 141 MARES.
2 HOURS
- 747 LAB-DISC MAKEUP FOR THE THEATRE, I. M M PLAYHS DRES KRAN FRANKL IN-WHITH 1-3

MAKEUP FOR THE THEATRE, II. PREREQUISITE: THEAT. 141.

2 HOURS 87794 3-5 TU TH PLAYHS DRES KRAN FRANKLIN-WHIT

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THEAT 170 FUNDAMENTALS OF ACTING.
SAME AS SPCH. 161.
        3 HOURS
                                                       M W 160 ARMORY
M 160 ARMORY
F 160 ARMORY
W F 160 ARMORY
M W 160 ARMORY
N 160 ARMORY
TU 160 ARMORY
                                             9
10
9
                      LECT-DISC B
                                    8
         87812
                     LECT-DISC C
                                              9
10
1
2
8
9
1
                                                                       160 ARMORY
         87820
                      LECT-DISC
                                     Ε
                                                         TU TH
TU TH
         87837
                     LECT-DISC L
         87844 LECT-DISC R
                                                           TH
THEAT 171 SPE
2 HOURS
               SPEECH FOR THE STAGE: FUNDAMENTALS.
        THEAT 173 SPEECH FOR THE STAGE: DIALECTS.
         PREREQUISITE: THEAT. 172.
           2 HOURS
                                             2 M W F DRAMA RHRSL KRAN
12 TU DRAMA RHRSL KRAN
11-1 TH DRAMA RHRSL KRAN
11-1 TU DRAMA RHRSL KRAN
11 TH DRAMA RHRSL KRAN
         87883 LECT-DISC F
87891 LECT-DISC P
                                                                                                ARBENZ
                                    Р
         87901 LECT-DISC
                                   P
                                                                                               ARBENZ
                                    R
THEAT 174 MOVEMENT FOR THE STAGE: IMPROVISATION.
2 HOURS
87919 LECT-DISC 8 9-11 M W DRAMA RHRSL KRAN FRANKLIN-WHITE
87926 LECT-DISC M 9-11 TU TH DRAMA RHRSL KRAN
THEAT 176 CHARACTERIZATION.
         PREREQUISITE: THEAT. 175.
3 HOURS
                                               1-3 M STUDIO THTP KPAN
1 W STUDIO THTR KRAN
1-3 F STUDIO THTR KRAN
2 W STUDIO THTR KRAN
         87933
                    LECT-DISC
                                                                                                 AHART
                                               1
                                    Ε
         87941 LECT-DISC
                                                                                                ARBEN7
THEAT 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
          *O TO 9 HOURS
        87958 CONF
                                          ARR
                                                                                                 STAFF
                              COURSES FOR ADVANCED UNDERGRADUATES
            ADVANCED SCENECRAFT.
THEAT 220
          PREREQUISITE: THEAT. 121.
           2 HOURS
                                             10-12 TU TH DESIGN ROOM KRAN
        87965
                     LECT-DISC
THEAT 280
                 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.
                 SAME AS R. TV. 280 AND RHET. AND SPCH. 263.
          PREREQUISITE: CONSENT OF INSTRUCTOR.
           3 HOURS
                                                        M W A ENSEMBLE KRAN AULETTA
M A ENSEMBLE KRAN
        87972
                     LECT-DISC
THEAT 281 DIRECTING, I.

SAME AS SPCH. 255.

PREREQUISITE: THEAT. 170 OR 176, AND JUNIOR STANDING.
           3 HOURS
                                              9-11 M STUDIO THTR KRAN
10 W STUDIO THTR KRAN
9 TU STUDIO THTR KRAN
9-11 TH STUDIO THTR KRAN
        87980
                     LECT-DISC B
                                    В
        87997
                     LECT-DISC M
                INDIVIDUAL TOPICS.
        PREPEQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS
88000 CONF ARR
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STAFF

THEAT 292 INDIVIDUAL TOPICS.

2 HOURS
88017 CONF

STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

THEAT 300 PRACTICUM, II.

PREREQUISITE: FOR NON-THEATRE MAJORS; CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED TO A TOTAL OF 12 HOURS OR 2 UNITS

\*1 TO 3 HOURS, OR 1/4 TO 1/2 UNIT

FIVE HOURS TO BE ARRANGED.

10 F DRAMA RHRSL KF 88024 LAB-DISC C 88031 LAB-DISC R F DRAMA RHRSL KRAN WORKS TH CONF ROOM KRAN WORKS 12

THEAT 353 CREATIVE DRAMATICS FOR CHILDREN.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

M W F DRAMA RHRSI KRAN TYMEHYSHYN

THEAT 361 HISTORY OF THE EUROPEAN THEATRE TO THE RENAISSANCE.

SAME AS SPCH. 361.

3 HOURS, OR 1/2 OR 1 UNIT

88056 LECT-DISC 2 M W F CONF ROOM

2 M W F CONF ROOM KRAN SCOTT

THEAT 366 DEVELOPMENT OF THE AMERICAN THEATRE.
SAME AS SPCH. 366.
3 HOURS, OR 1/2 OR 1 UNIT
88063 LECT-DISC 9 M W

9 M W F CONF ROCM KRAN APREN7

LLEWELLYN

BEHR INGER

THEAT 370 STAGE SCENERY DESIGN.

PREREQUISITE: THEAT. 120 AND 281, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

88071 LECT-DISC 9-12 M W DESIGN ROOM I

88071 M W DESIGN ROOM KRAN

THEAT 381 DIRECTING, II.

JRECTING, II.

PREREQUISITE: THEAT. 281.

3 HOURS OR 1/2 UNIT

88988 LECT-DISC 10-12 TU STUDIO THTR KRAN

11 TH STUDIO THTR KRAN BEHR INGER

COURSES FOR GRADUATES

THEAT 400 SEMINAR IN DRAMATIC FORM AND STRUCTURE.

SAME AS SPCH. 400.

PREREQUISITE: THEAT. 361 AND 362, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.

1 UNIT

88095 LECT-DISC 1 TU TH CONF ROOM KRAN AULETTA

THEAT 451 PROBLEMS IN PLAY DIRECTING IN THE EDUCATIONAL THEATRE.

SAME AS SPCH. 451.

1 UNIT

TU TH CONF ROOM KRAN 88106 LECT-DISC

THEAT 465 SEMINAR IN THEATRE ART.

SAME AS SPCH. 465.

\*STUDENTS MAY ACCUMULATE 2 UNITS.

\*1 UNIT 88113

1 UNIT

LECT-DISC 9 TU TH CONF ROOM KRAN HEWLTT

THEAT 469 THE STAGE HISTORY OF CLASSIC ENGLISH PLAYS.

SAME AS ENGL. AND SPCH. 469.

PREREQUISITE: ONE YEAR OF WORK IN DRAMATIC LITERATURE OR THEATRE

HISTORY; CONSENT OF INSTRUCOTR.

LECT-DISC 1 M W F 194 L H 88121 SHATTUCK

THEAT 491 SPECIAL PROBLEMS.

1/2 TO 2 UNITS 88138 CONF 88138 STAFF

## THEORETICAL AND APPLIED MECHANICS

DEPARTMENT DEFICE

212 T L

#### COURSES FOR UNDERGRADUATES

ANALYTICAL MECHANICS -- STATICS. PREREQUISITE: PHYCS. 101 OR 106 OR D. G. S. 141 AND REGISTRATION IN MATH. 142 OR 143. 2 HOURS 8 TU TH 102 WOODSHOP

LECT-DISC L
LECT-DISC P
LECT-DISC R
LECT-DISC S
LECT-DISC T 88160 11 TU TH 102 WOODSHOP 88177 1 TU TH 102 WOODSHOP 2 TU TH 102 WOODSHOP 88184 TU TH 102 WOODSHOP 88191

T A M 152 2 ENGINEERING MECHANICS, I--STATICS.
PREREQUISITE: PHYCS. 106 AND REGISTRATION IN MATH. 142 OR 143. 3 HOURS

LECT-DISC A
LECT-DISC C
LECT-DISC F
LECT-DISC M 88202 8 102 WOODSHOP M W F M W F 105G WOODSHOP 88210 9 88227 10 102 WOODSHOP 88234 102 WOODSHOP 105G WOODSHOP 88241 930-11 TU TH

T A M 154 ANALYTICAL MECHANICS--STATICS AND DYNAMICS.

PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 142 OR 143.

4 HOURS LECT-DISC A1
LECT-DISC A2
LECT-DISC B1
LECT-DISC B2 MTU THE 88259 8 1058 WOODSHOP MTU THE 105C WOODSHOP 88266 8 9 88273 9 MTU THE 105C WOODSHOP 88281 LECT-DISC C1 LECT-DISC C2 LECT-DISC D1 88298 LECT-DISC 10 MTU THE 105B WOODSHOP 10 MTU THE 88309 105C WOODSHOP 88316 MTU THE 105B WOODSHOP LECT-DISC D2 LECT-DISC E1 LECT-DISC E2 88323 11 MTU THE 105C WOODSHOP 1 88331 MTU THE 105B WOODSHOP 88348 MTU THE 105C WOODSHOP 2 88355 LECT-DISC F1 MTU THE 105B WOOD SHOP F2 LECT-DISC MTU THE 105C WOODSHOP 88362 G1 G2 88370 LECT-DISC 3 MTU THE 105B WOODSHOP 3 MTU THE 88387 LECT-DISC 105C WOODSHOP 88394 LECT-DISC H 1058 WOODSHOP

T A M 156

ANALYTICAL MECHANICS--STATICS AND DYNAMICS.

PREREQUISITE: PHYCS. 101 OR 106. RÉGISTRATION IN MATH. 142 OR 143.

5 HOURS

LECT-DISC A
LECT-DISC B1
LECT-DISC B2
LECT-DISC F
LECT-DISC H 105F WOODSHOP 88405 8 MILIWITHE 88412 9 MTUWTHE 306B T L 9 2 4 102 WOODSHOP 88420 MTUWTHE 88437 MTUWTHE 105F WOODSHOP 88444 MTUWTHE

ELEMENTS OF MECHANICS .

FOR NON-ENGINEERING STUDENTS WHO DO NOT TAKE CALCULUS, PREREQUISITE: MATH. 122.

3 HOURS

11 88451 LECT-DISC D 104 WOODSHOP 88469 1

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T A M 172 STRENGTH OF MATERIALS.
         PREREQUISITE: T. A. M. 171.
         3 HOURS
                                               M W F 104 W00DSHOP
M W F 105F W00DSHOP
M W F 105G W00DSHOP
M W F 104 W00DSHOP
M W F 104 W00DSHOP
       88476
                   LECT-DISC C
                                       10
       88483
                                        1
       88491
                   LECT-DISC
                              F
G
                                        2
       88501
88519 LECT-DISC
10526 LECT-DISC
                                        4
                              H
S
                   LECT-DISC
                                       230-4
                                                  TU TH
                                                              105G WOODSHOP
       *MAY BE REPEATED.

*O TO 9 HOURS
T A M 199
       88533 CONF
                         COURSES FOR ADVANCED UNDERGRADUATES
            ANALYTICAL MECHANICS -- DYNAMICS .
T A M 211
         PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 142 OR 143.
         3 HOURS
         *FOR ARCHITECTURE STUDENTS ONLY.
              LECT-DISC A 8
LECT-DISC D 11
                                                M W F
M W F
M W F
       88541
                                                              104 WOODSHOP
                                                              105F WOODSHOP
       88558
       88565 LECT-DISC E
88572 LECT-DISC *F
                              E
                                                             102 WOODSHOP
                                       1 2
             ENGINEERING MECHANICS, II -- DYNAMICS.
T A M 212
         PREREQUISITE: PHYCS. 106, T. A. M. 152, MATH. 143.
         3 HOURS
       3 HOURS
88590 LECT-DISC B 9 M W F 104 WOODSHOP
88597 LECT-DISC D 11 M W F 104 WOODSHOP
              ELEMENTARY MECHANICS OF DEFORMABLE BODIES.
         PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 142 OR 143.
         3 HOURS
       MECHANICAL BEHAVIOR OF SOLIDS.
        PREREQUISITE: REGISTRATION IN T. A. M. 221.
         1 HOUR
         *SECTION E AND SECTION N FOR ARCHITECTURE STUDENTS.
                                                             225 T L
236 M E B
238 M E B
242 M E B
225 T L
                  LAB *E 1-3 M
LAB T1 3-5 TU
       88743
       88711
       88729 LAB T2 3-5
88736 LAB T3 3-5
88751 LAB *N 10-12
                                        3-5
                                                  TU
TU
TH
T A M 224 BEHAVIOR OF MATERIALS.
        PREREQUISITE: T. A. M. 221.
         3 HOURS
       88768 LECT-DISC A 8 M W F
88775 LECT-DISC C 10 M W F
88782 LECT-DISC F 2 M W F
                                                             225A T L
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225A T L 225A T L

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FLUID MECHANICS.
T A M 235
           PREREQUISITE: T. A. M. 211 OR 212.
           4 HOURS
         88790
                      LECT-DISC A
                                                                     126 T L
                      LAB
                                              8-10
                                                        TH
M W F
                                    Α
        88801
                      LECT-DISC
                                                                      305
                                   В
                                              9
3-5
                                                             TH
                      LAB
                                   В
                                                                      126
                      LECT-DISC C
         88818
                                             10
                                                                       305
                                                        TU
M W F
                      LAB
                                   C
                                             10-12
                                                                      126
                      LECT-DISC D
        88825
                                                                      305
                                             11
                     LECT-DISC E
LAB E
LECT-DISC F
                                                        TH
M W F
                                             10-12
                                                                      126
        88832
                                             1
3-5
2
8-10
                                                                       305
                                                          TU
                                                                       126
                                                           WF
        88840
                                                        М
                                                                      305
                                                        TU
M W F
                                                                      126
                                                                            TL
                     LECT-DISC G
        88857
                                             3
1-3
                                                                      305
                                                          TU
                      LAB
                                   G
                                                                      126
         93 SENIOR RESEARCH PROJECT.
PREREQUISITE: SENIOR STANDING IN ENGINEERING MECHANICS.
           2 HOURS
864 LECT-DISC R 1-3 TU TH 403 M M B
        88864
T A M 299 THESIS.
           PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.
          3 HOURS
        88871
                     CONE
                                           ARR
                        COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
           MECHANICAL VIBRATIONS.
PREREQUISITE: T. A. M. 154 OR 156 OR 211 OR 212 AND 221.
**CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311.
           *3 HOURS, OR 1/2 TO 1 UNIT
        88889
           ADVANCED DYNAMICS FOR ENGINEERS.
PREREQUISITE: T. A. M. 211 OR EQUIVALENT, MATH. 341 OR 345.
3 HOURS OR 1 UNIT
T A M 314
                  LECT-DISC D 11 M W F
        88896
                                                                     306B T I
          1 ADVANCED MECHANICS OF DEFORMABLE BODIES.
PREREQUISITE: T. A. M. 221 AND 223 OR 224.
3 HOURS, OR 1/2 TO 1 UNIT
8907 LECT-DISC G 3 M W F
T A M 321
        88907
          4 FLOW AND FRACTURE OF STRUCTURAL METALS.
PREREQUISITE: T. A. M. 221 AND 224 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT
                                        1-3 TU TH 305 T L
        88914
                    LECT-DISC R
         6 EXPERIMENTAL STRESS ANALYSIS.
PREREQUISITE: T. A. M. 150, 211, 212, 221, AND 223 OR 224.
3 HOURS, OR 1/2 TO 1 UNIT
T A M 326
                                            10-12 TU TH
        88921
                    LAB-DISC N
```

T A M 351 FUNDAMENTAL CONCEPTS OF DEFORMABLE BODY MECHANICS.
PREREQUISITE: To Ao Mo 221; MATHO 343 AND 345.
3 HOURS OR 1 UNIT
88939 LECT-DISC B 9 M W F 225A T L

T A M 392 ANALYSIS AND SYNTHESIS OF PROBLEMS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 MOURS, OR 1/2 TO 1 UNIT

88946 LECT-DISC N 10-1130 TU TH 4 T L

COURSES FOR GRADUATES

T A M 400 SEMINAR IN ENGINEERING MECHANICS.

1/4 UNIT
88953 LECT-DISC L ARR

SINCLAIR

ENERGY PRINCIPLES IN ENGINEERING MECHANICS. T A M 416 PREREQUISITE: T. A. M. 451. 1 UNIT

10 88961 LECT-DISC C M W F 3068 T L LANGHAAR AND MILLER

T A M 417 STOCHASTIC STRUCTURAL DYNAMICS.

SAME AS A. A. E. 452.
PREREQUISITE: A. A. E. 255 OR T. A. M. 412 OR EQUIVALENT. 1 UNIT 930-11

88978

T A M 425 MECHANICS OF INELASTIC BODIES.

88985

PREREQUISITE: T. A. M. 321.

1/2 TO 1 UNIT

3985 LECT-DISC E 1 M W F 105G WOCDSHOP

SIDEBOTTOM AND SMITH

T A M 427 THEORIES OF MECHANICAL PROPERTIES AND BEHAVIOR OF PLAIN CONCRETE.

PREREQUISITE: B. S. IN ENGINEERING.

1/2 TO 1 UNIT

LECT-DISC D 11 M W F 105G WOODSHOP 88992 KESLER

TU TH

203 T B

T A M 428 ANALYSIS OF NONLINEAR SYSTEMS.

SAME AS E. E. 428.

PREREQUISITE: MATH. 341 AND CONSENT OF INSTRUCTOR.

89005

1 UNIT 9 M W F 302C T L WORL EV

T A M 431

THEORY OF IDEAL FLUID FLOW.

PRESQUISITE: ELEMENTARY COURSE IN FLUID FLOW, ADVANCED CALCULUS.

1 UNIT 89012 LECT-DISC L 8-10 TU TH 305 T L ROBERTSON

TURBULENCE .

PREREQUISITE: T. A. M. 432 OR EQUIVALENT. 1 UNIT

LECT-DISC T 3-5 TU TH 89020 305 T L ROBERTSON

APPLIED ANALYSIS IN ENGINEERING, I. PREREQUISITE: MATH. 143. T A M 441

1 UNIT

89037 8 M W F 105G WOODSHOP COSTELLO LECT-DISC A

T.A M 451 THEORY OF ELASTICITY WITH APPLICATION TO ENGINEERING

PROBLEMS, I.

PREREQUISITE: T. A. M. 221, MATH. 343, 341 OR EQUIVALENT.

1 UNIT 89044

LECT-DISC N 10-12 TU TH 3068 T 1 BORESI

T A M 457 CLASSICAL ELASTOSTATICS.

PREREQUISITE: T. A. M. 451 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.

1 UNIT

3 M W F 105G WOODSHOP STIPPES 89051 LECT-DISC G

CONTINUUM MECHANICS, II.

PREREQUISITE: T. A. M. 360.
1 UNIT

89069

LECT-DISC N 10-12 TU TH 225A T L CARLSON

T A M 485 FRACTURE MECHANICS.

PREREQUISITE: T. A. M. 324 AND 451, OR CONSENT OF INSTRUCTOR.

1 UNIT

89076 10-12 TU TH 305 T L LECT-DISC N GALLAGHER

T A M 493 ADVANCED INDEPENDENT STUDY—SPECIAL RESEARCH.  1/2 TO 2 UNITS  89083 COMF A ARR 89101 COMF B ARR 89101 COMF C ARR 89119 COMF D ARR 89119 COMF B ARR 89119 COMF B ARR 89126 COMF E ARR 8913 ONF F ARR 89141 COMF G ARR 89158 COMF H ARR 89158 COMF H ARR 89165 COMF J ARR 89172 COMF L ARR 89190 COMF L ARR 89190 COMF N ARR 89197 COMF M ARR 89208 COMF N ARR 89215 COMF D ARR 89221 COMF D ARR 89222 COMF P ARR 89230 COMF Q ARR 89230 COMF Q ARR 89247 COMF S ARR 89254 COMF S ARR 89256 COMF J ARR 89261 COMF J ARR 89279 COMF J ARR 89286 COMF J ARR 89388 SOM COMF J ARR 89388 SOM COMF J ARR 89388 COMF J ARR 89388 COMF J ARR 89388 COMF J ARR 89388 SOM SINCLAIR 89480 COMF J ARR 89480 COMF J									
1/2 TO 2 UNITS	т	٨	м	403	ADVANCED	INDEPENDENT	STUDY-SPECIAL	DECEABOR.	
B9083   CONF	1	А	le1				JIODI - SPECIAL	KES EARCH*	
B9091   CONF							ARR		BORE SI
89101									
89129									
STIZE									
89133									
89141							ARR		KESLER
B0158						G	ARR		LANGHAAR
89165							ARR		MORROW
S9172						J	ARR		ROBERTSON
B9180							ARR		SIDEBUTTOM
S						Ł	ARR		SINCLAIR
89208					CONF	М	ARR		SMITH
B9222					CONF	N	ARR		STIPPES
Record   R				89215	CONF	0	ARR		TAYLOR
89247   CONF R ARR   MILLER				89222	CONF	ρ	ARR		WORLEY
B				89230	CONF	Q	ARR		COSTELLO
B   C   C   C   C   C   C   C   C   C				89247	CONF	R	ARR		MILLER
B9279   CONF				89254	CONF	S	ARR		WETENKAMP
## STAFF  T A M 499				89261	CONF	T	ARR		CARLSON
T A M 499 THE SIS RESEARCH.  0 TO 4 UNITS  89293 CONP A ARP 89304 CONF B ARR 89311 CONF C ARR CLARK 89329 CONF D ARR 89336 CONF E ARR 89336 CONF F ARR 89351 CONF F ARR 89351 CONF G ARR 89351 CONF H ARR 89368 CONF H ARR 89368 CONF H ARR 89368 CONF H ARR 89375 CONF J ARR 89375 CONF J ARR 89380 CONF K ARR 89380 CONF CONF CONF CONF CONF CONF CONF CONF				89279	CONF	U	ARR		GALLAGHER
0 TO 4 UNITS  89293				89286	CONF	X	ARR		STAFF
0 TO 4 UNITS  89293									
0 TO 4 UNITS 89293 CONF A ARP 89304 CONF B ARR 89311 CONF C ARR 89311 CONF C ARR 89329 CONF D ARR 89336 CONF E ARR 89343 CONF F ARR 89343 CONF F ARR 89351 CONF G ARR 89351 CONF G ARR 89368 CONF H ARR 89368 CONF H ARR 89368 CONF H ARR 89368 CONF H ARR 89375 CONF J ARR 89380 CONF K ARR 89380 CONF K SIDEBOTTOM 89390 CONF L ARR 89401 CONF M ARR 89418 CONF N ARR 89418 CONF N ARR 89425 CONF O ARR 89425 CONF D ARR 89432 CONF D ARR	т	Δ	М	499	THE SIS RE	SEARCH.			
80293	•			0.10					
B9304						Δ	ARR		BORESI
B9329				89304	CONF	В	ARR		BOWMAN
89336				89311	CONF	С	ARR		CLARK
89343         CONF         F         ARR         KESLER           89351         CONF         G         ARR         LANGMAAR           89368         CONF         H         ARR         MORROW           89375         CONF         J         ARR         ROBERTSON           89380         CONF         K         ARR         SIDEBOTTOM           89390         CONF         L         ARR         SINCLAIR           89401         CONF         M         ARR         SMITH           89418         CONF         N         ARR         STIPPES           89425         CONF         O         ARR         TAYLOR           89432         CONF         P         ARR         WORLEY				89329	CONF	D	ARR		CORTEN
B9351				89336	CONF	E	ARR		JONES
89368				89343	CONF	F	ARR		KESLER
89375         CONF         J         ARR         ROBERTSON           89382         CONF         K         ARR         SIDEBOTTOM           89390         CONF         L         ARR         SINCLAIR           89401         CONF         M         ARR         SMITH           89418         CONF         N         ARR         STIPPES           89425         CONF         O         ARR         TAYLOR           89432         CONF         P         ARR         WORLEY				89351	CONF	G	ARR		LANGHAAR
89382   CONF   K   ARR   SIDEBOTTOM				89368	CONF	Н	ARR		MORROW
89390         CONF         L         ARR         SINCLAIR           89401         CONF         M         ARR         SMITH           89418         CONF         N         ARR         STIPPES           89425         CONF         O         ARR         TAYLOR           89432         CONF         P         ARR         WORLEY				89375	CONF	J	ARR		ROBERTSON
89401         CONF         M         ARR         SMITH           89418         CONF         N         ARR         STIPPES           89425         CONF         O         ARR         TAYLOR           89432         CONF         P         ARR         WORLEY				89382	CONF	K	ARR		SIDEBUTTOM
89418 CONF N ARR STIPPES 89425 CONF O ARR TAYLOR 89432 CONF P ARR WORLEY				89390	CONF	L	ARR		SINCLAIR
89425 CONF O ARR TAYLOR 89432 CONF P ARR WORLEY				89401	C ONF	M	ARR		SMITH
89432 CONF P ARR WORLEY				89418	CONF	N	ARR		STIPPES
				89425	CONF		ARR		TAYLOR
89440 CONE O ARR COSTELLO									
				89440	CONF	Q	ARR		COSTELLO
89457 CONF R ARR MILLER									
89464 CONF S ARR WETENKAMP									
89471 CONF T ARR CARLSON									
89489 CONF X ARR STAFF				89489	CONF	X	ARR		STAFF

# URBAN PLANNING

DEPARTMENT OFFICE

208 M H

# COURSES FOR UNDERGRADUATES

PLANNING OF CITIES AND REGIONS. U P

171 PL	ANNING OF	CITIES	AND REGI	ONS.			
3 HOURS	5						
*JAMES	SCHOLAR S	TANDING	OR CONSE	NT OF IN	ISTRUC	TOR.	
STUDENT	MUST SEL	ECT ONE	LECTURE	AND ONE	DISCU	SSION SE	ECTION.
89496	LECT	В	9	М	W	150	V M
89507	LECT	F	2	M	W	135	ASL
89514	DISC	81	9		F	150	V M
89650	DISC	*B2	9		F	100	1203 W CAL
89521	DISC	В3	9		F	326	DKH
89539	DISC	B 4	9		F	223	DKH
89546	DISC	85	9		F	393	BEV HALL
89553	DISC	B 6	9		F	111	G H
89561	DISC	87	9		F	205	G H
89578	DISC	88	9		F	329	G H
89585	DISC	F1	2		F	135	ASL
89667	DISC	*F2	2		F	100	1203 W CAL
89592	DISC	F3	2		F	3165	M H
89603	DISC	F4	2		F	125	DKH
89611	DISC	F5	2		F	209	DKH
89628	DISC	F6	2		F	306	DKH
89635	DISC	F7	2		F	325	DKH
89642	DISC	F8	2		F	326	DKH

BLAIR & STAFF BLAIR & STAFF

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II P
     199
                 UNDERGRADUATE OPEN SEMINAR.
           *MAY BE REPEATED.
*Q TO 9 HOURS
            SECTION B: SELECTED TOPICS
         89674
                     CONF
                                     B
                                                                                                   STAFF
                                COURSES FOR ADVANCED UNDERGRADUATES
      260 SPECIAL PROBLEMS .
UP
           PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
            2 TO 6 HOURS
         89681
                                                                                                   STAFF
                           COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
       337 URBAN PLANNING STUDIO, II.

PREREQUISITE: U. P. 236 OR CONSENT OF INSTRUCTOR.

6 HOURS, OR 1 TO 1 1/2 UNITS

*ADDITIONAL HOURS TO BE ARRANGED.
U P
         89699
                     LAB-DISC
                                               *1-6
                                                         M W F 30 BEV HALL
                                                                                                  STAFF
UP
        338
                 URBAN PLANNING STUDIO, III.
            PREREQUISITE: U. P. 337 OR CONSENT OF INSTRUCTOR. 6 HOURS, OR 1 TO 1 1/2 UNITS
            *ADDITIONAL HOURS TO BE ARRANGED.
                                               *1-6 M W F 30 BEV HALL
         89700 LAB-DISC
                                                                                                 HEIFETZ
          PERPORT OF THE PROPERTY OF T
UP
                                               9-1030 TU TH 153 A S L
         89717
                                                                                                  PATTON
U P 377 COMPREHENSIVE PLAN...
PREREQUISITE: U. P. 171.
3 HOURS OR 1/2 UNIT
                 COMPREHENSIVE PLANNING PROCEDURE.
                                            1030-12 TU TH 153 A S L
                                                                                                  GOODMAN
           4 URBAN DESIGN AND PLANNING METHODS.
PREREQUISITE: U. P. 171, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT
         89731
                      LECT-DISC
                                               11
                                                         M W F
                                                                        100 1203 W CAL
                                                                                                  BLAIR
                                          COURSES FOR GRADUATES
II P
     487
                SEMINAR.
           PREREQUISITE: U. P. 374.
            1/2 UNIT
            *SECTION A: COMPARATIVE PLANNING SYSTEMS.
           *SECTION B: MODEL CITIES.
*SECTION C: PLANNING METHODS.
         210 M H KEYES
100 1203 W CAL WETMORE
100 1203 W CAL BAGBY
UP
```

\*SECTION C: PLANNING METHODS.

89749 LECT-DISC \*A ARR 210 MH KEYES
89756 LECT-DISC \*B ARR 100 1203 W CAL WETMOR
89763 LECT-DISC \*C ARR 100 1203 W CAL BAGBY

U P 488 URBAN PLANNING RESEARCH.
PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS
\*SECTION A: PROFESSIONAL ORIENTATION FOR FIRST YEAR GRADUATE
STUDENTS--1/2 UNIT
\*SECTION B: SELECTED AREAS OF CONCENTRATION.
89771 LECT-DISC \*A 4-06 M 100 1203 W CAL STAFF
89788 CONF \*B ARR STAFF

U P 499 THESIS RESEARCH.

PREREQUISITE: GRADUATE STANDING IN URBAN PLANNING.

1/2 TO 2 UNITS

89795 CONF ARR STAFF

#### VETERINARY BIOLOGICAL STRUCTURE

DEPARTMENT OFFICE

335 V M

#### PROFESSIONAL COURSES

V B S 300 GROSS ANATOMY.

PREREQUISITE: REGISTRATION IN THE VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.

5 HOURS

89806

M W FS 350 V M LECT-DISC 9-12

ST CLAIR

HISTOLOGY. V B S 301

PREREQUISITE: REGISTRATION IN THE VETERINARY CURRICULUM OR CONSENT

OF INSTRUCTOR. 4 HOURS

89813 LECT

89821 LAB Α 89838

1-3 TU Д 2-4 LAB В 3-5

NORMANDIN

VETERINARY CLINICAL MEDICINE

DEPARTMENT DEFICE

103 5 4 6

136 V M

136 V M

150

334

334

334 334

## PROFESSIONAL COURSES

DISEASES OF SMALL ANIMALS.

PREREQUISITE: THIRD-YEAR STANDING IN VETERINARY CURRICULUM. 5 HOURS

89845 LECT MTUWTHE 253 V M

THE

SMALL ANIMAL

V C M 361

GENERAL VETERINARY SURGERY.
PREREQUISITE: THIRD-YEAR STANDING IN VETERINARY CURRICULUM. 3 HOURS

89852

10 M WTH DISC 10

HARDENBROOK

CLINICAL AND LABORATORY PRACTICE.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.

2 HOURS

89860 LAB-DISC 2-4 TU TH VCSA THURMON AND

SMALL ANIMAL CLINIC STAFF

3 REPRODUCTION, OBSTETRICS AND GENITAL DISEASES.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM. V C M 363

3 HOURS

89877 LECT 136 V M

EAGELMAN

VCSA STAFF

V C M 368

8 DISEASES OF LARGE ANIMALS. PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.

4 HOURS

89884 MTUWTH LECT 150 V M HATCH. ERWIN

DISEASES OF SMALL ANIMALS.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM OR

CONSENT OF INSTRUCTOR.

2 HOURS

89891 LECT TU TH 150 V M

V C M 370 SEMINAR.

PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.

1 HOUR

89902 LECT-DISC 10 150 V M HATCH CLINICAL AND LABORATORY PRACTICE.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM. 8 HOURS

89910 LECT LAB

1.1 8-12 MTUWTHF 150 VCSA VESA

CAWLEY AND VCM STAFF AND VPH STAFF

## VETERINARY MEDICAL SCIENCE

DEPARTMENT OFFICE

131 V M

334

334

334

334

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GROSS ANATOMY.

PREREQUISITE: FIVE HOURS OF ZOOLOGY, CONSENT OF INSTRUCTOR. 1 UNIT

89927

LECT-DISC 9-12 M W FS 350 V M ST CLAIR

HISTOLOGY. V M S 301

PREREQUISITE: REGISTRATION IN VETERINARY CURRICULUM OR CONSENT

OF INSTRUCTOR.

1 UNIT 89934

LECT THE 150 V M

TH

TH

89941 89959

1-3 LAB Α 2-4 LAB В 3-5

Δ

В

NORMANDIN

CORRELATIVE MAMMALIAN NEUROANATOMY.
PREREQUISITE: V. B. S. 300, ZOOL. 232, OR CONSENT OF INSTRUCTOR.

I UNIT 89966

LAB-DISC APP SAFANIE

VETERINARY PHYSIOLOGY. V M S 315

PREREQUISITE: SECOND-YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.

5 HOURS OR 1 1/4 UNITS

1.1 M W F 253

89973 LECT-DISC

TU 136 LAB 89981 1-5 266 89998 В TH LAB 266

DOWNEY

FITZGERALD.

IVENS

O PHARMACOLOGY AND TOXICOLOGY.
PREREQUISITE: V. M. S. 318 OR CONSENT OF INSTRUCTOR.

1 UNIT 9 TU TH 90004 253 V M HUBER. 253 V M LINK

132

VETERINARY MICROBIOLOGY AND IMMUNGLOGY.

PREREQUISITE: V. P. H. 331 OR EQUIVALENT, CONSENT OF INSTRUCTOR.

1 UNIT 90011

LECT 136 MYERS, 9-11 M W 90029 LAB Δ 168 KILLINGER

90036 LAB В 2-4 168

PROTOZOAN AND ARTHROPOD PARASITES.

PREREQUISITE: COURSES TOTALING TWENTY HOURS IN CHEMISTRY OR ANIMAL BIOLOGY, OR BOTH, CONSENT OF INSTRUCTOR.

3/4 UNIT

LAB

90043 TU TH LECT 136 V M 90051 LAB Δ 1-4 168 V M TU

168 V M 90068 LAB R 1-4

GENERAL PATHOLOGY.

PREREQUISITE: COURSES TOTALING TWENTY-FIVE HOURS IN HISTOLOGY,

PARASITOLOGY, PHYSIOLOGY, AND MICROBIOLOGY, AND CONSENT OF

INSTRUCTOR. 1 UNIT

90090

90075 LECT 136 LAB

REYNOLDS A B 90082 9-11 F 132

INTRODUCTION TO APPLIED STATISTICS.

SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND V M S 340 HORT. 340. PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT. 4 HOURS OR 3/4 UNIT 90101 LECT TU TH SEIF W109 W223 T H W223 T H LAB-DISC 1-3 90118 TU TU 90125 LAB-DISC 2 3-5 90132 LAB-DISC 1-3 W223 LAB-DISC 90140 W223 MANAGEMENT AND DISEASES OF LABORATORY ANIMALS.

SAME AS V. P. H. 346.

PREREQUISITE: AT LEAST 2 COURSES IN BIOLOGY OR EQUIVALENT, AND V M S 346 CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT 90157 LECT 150 V M TU F NEWTON 10 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS ANTH., GEOG., H. ED., PHYSL., PSYCH., SOC., AND V M S 369 Z00L. 369. PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, OR SOCIOLOGY. \*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY 3E 3 OR 5 HOURS. \*3 OR 5 HOURS, OR 1/2 OR 1 UNIT 90164 LECT-DISC TODD V M S 392 SPECIAL PROBLEMS. PREREQUISITE: REGISTRATION IN VETERINARY CURRICULUM WITH GRADE POINT AVERAGE OF 3.5 OR ABOVE.
\*STUDENTS MAY ACCUMULATE ONE UNIT. \*1/2 UNIT 90171 LAB STAFF COURSES FOR GRADUATES 7 MEDICAL MYCOLOGY. PREREQUISITE: MCB10. 326, V. M. S. 332, OR EQUIVALENT. 1 UNIT 90189 LAB-DISC RHOADES. ARR WATRACH V M S 418 CONCEPTS AND TOPICS IN IMMUNOLOGY. SAME AS BIOL. 418.
PREREQUISITE: CONSENT OF INSTRUCTOR. MCBIO. 327 AND BIOL. 307 RECOMMENDED. 1/2 UNIT 90196 LECT-DISC SEGRE ARR ADVANCED MACROSCOPIC PATHOLOGY. V M S 445 PREREQUISITE: V. M. S. 334, 335 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT 207 LAB-DISC ARR 90207 BEAMER, SIMON

UL TRASTRUCTURAL PATHOLOGY. PREREQUISITE: ZOOL. 430--CONSENT OF INSTRUCTOR.

3/4 OR 1 UNIT 90214 LECT-DISC ARR WATRACH

V M S 459 ADVANCED CORRELATIVE PATHOLOGY.
PREREQUISIFE: V. M. S. 308, 335, 445, 450, OR EQUIVALENT;
CONSENT OF INSTRUCTOR.
0 TO 1 1/2 UNITS

90221 LAB-DISC ARR SIMON, WATRACH V M S 460 ADVANCED VETERINARY PHYSIOLOGY.

PREREQUISITE: V. M. S. 315, 316, OR EQUIVALENT; CONSENT OF INSTRUCTOR. 1 UNIT 90239 CONF ARR LINK

4 MINERAL METABOLISM. PREREQUISITE: V. M. S. 316 OR PHYSL. 301 AND 302 OR EQUIVALENT; CHEM.350 OR 354 OR EQUIVALENT; OR CONSENT OF INSTRUCTOR. V M S 464 3/4 UNIT 90246 LECT-DISC APP

ANDERSON

V M S 490 SEMINAR. REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS VETERINARY MEDICAL SCIENCE. 1/4 UNIT

90253 DISC 136 V M WOOD S

V M S 491 THE 1/2 UNIT THE EXPERIMENTAL METHOD IN VETERINARY RESEARCH.

90261 LECT LEVINE

V M S 492 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 TO 1 UNIT

90278 STAFF LAB ARR

THESIS RESEARCH. V M S 499 99 THESIS

90285 LAB STAFF

## VETERINARY MEDICINE

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

V M SPECIAL PROBLEMS . PREREQUISITE: PROFESSIONAL STANDING IN VETERINARY CURRICULUM AND GRADE POINT AVERAGE OF 3.5. \*STUDENTS MAY ACCUMULATE 6 HOURS, OR 1 UNIT \*3 HOURS OR 1/2 UNIT

90292 LAB STAFF

#### VETERINARY PATHOLOGY AND HYGIENE

DEPARTMENT DEFICE

137 V M

#### PROFESSIONAL COURSES

VETERINARY MEDICAL HISTORY AND ORIENTATION. PREREQUISITE: FIRST YEAR STANDING IN VETERINARY CURRICULUM. 1 HOUR

90303 FECT w 150 V M JONES

V P H 332 VETERINARY MICROBIOLOGY AND IMMUNOLOGY. PREREQUISITE: V. P. H. 331 OR CONSENT OF INSTRUCTOR.

4 HOURS 90311 LECT

M W F M W M W 136 V M 168 V M MYERS 9-11 90328 LAB A KILLINGER 168 V M 90335 LAB В 2-4

V P H 333 PROTOZOAN AND ARTHROPOD PARASITES.

PREREQUISITE: SECOND-YEAR STANDING IN VETERINARY CURRICULUM OR

CONSENT OF INSTRUCTOR. 3 HOURS

90342 FITZGERALD IVENS, TODD LECT 9 TU TH 136 V M TU 168 V M 90350 LAB Α 1-4 90367 LAB R 1-4 168

٧	ρ	Н		ERAL PATHOL							
				SITE: SECON OF INSTRUCT		TANDING I	VETE	RINAR	Y CUR	RICULUM OR	
			5 HOURS	OF INSTRUCT	UK •						
			90374	LECT	Δ	8 9-11	M W	F	136 132	V M V M	REYNOLDS
			90381	LAB	В	2-4	M W	F	132	V M	
v	Р	н	337 CLI	NICAL PATHO	LOGY CON	FERENCE.					
			PREREQUI	SITE: THIRD	YEAR ST	ANDING IN	PROFE	SSION	AL CUP	PRICULUM.	
			0 CREDIT 90400	DISC		10	Т	н	150	V M	SIMON
٧	Р	н	338 CLI	NICAL PATHO	LOGY.						
			PREREQUI	SITE: THIRD		AND ING IN	VETER	INARY	CURR	ICULUM.	
			2 HOURS 90417	LECT		1	TU	F	253	V M	DORNER
			90424	LAB	Α	10-12		F	168	V M	
			90431	LAB	В	2-4		۶	168	V M	
٧	Р	Н	PREREQUI	NICAL PATHO SITE: V. P.	H. 337	FERENCE.					
			O CREDIT		5516						
			90449	DISC		10	Ŧ	Н	150	V- M	SIMON
٧	Р	Н	340 DIS	EASES OF POI	JLTRY.	TANDING IN	THE	VETED	TNADV	CURRICULUM,	
			OR CONSE	NT OF INSTR		IANDING II	4 4111	AC LC K	INMINI	CORRICOCOM	
			3 HOURS 90456	LECT		9	M W	F	253	V M	HANSON
			90438	LECT		7	11 88		200	V 11	HANSON
١/	0	ш	346 MAN	AGEMENT AND	DISEASE	C OE 1 ABO	. T O D V	ANTM	A a C		
٧	-	-	SAM	E AS V. M. S	346.						
				SITE: AT LE		URSES IN E	BIOLOG	Y OR I	EQUIV	ALENT, AND	
			2 HOURS	OR 1/2 UNIT	JK .						
			90463	LECT		10	TU	F	150	V M	NEWTON
				VET	EDINADY (	PHYSIOLOGY	AND	DHADM	ACDL D	cv.	
						1113102001	MIND				
			DE	PARTMENT OF	FICE			20	63 V I	М	
٧	P	P		SIOLOGY OF I			ITVALE	NT.			
			3 HOURS	Site: Chem.	TOT OK	TOS OK ENG	IVALE	141 0			
			90471	LECT		10	M W	F	253	V M	BEVILL
					PRO	DFESSIONAL	COUR	SES			
V	Ρ	P		ERINARY PHY							
			CONSENT	SITE: SECON	) YEAR SI	FANDING IN	I VETE	RINARY	CURF	RICULUM OR	
			5 HOURS	OF INSTRUCTO	ITS						
			90488	LECT-DISC		11	M W	F	253 136	V M V M	DOWNEY
			90495	LAB	Α	1-5	TU		266	V M	5011121
			90506	LAB	В	1-5	Ť	Н	266	V M	
٧	P	P		ERINARY RAD SITE: SECON			VETE	RINARY	CHE	RICHLUM OR	
			CONSENT	OF INSTRUCTO	OR. FOR	NON-VETER	INARY	STUDE	NTS,	CHEM. 122 AND	
			133 OR 2 2 HOURS	34, OR EQUIT	ALENT.						
			90513	LECT		8	T	Н	136	V M	TWARDOCK
			90521 90538	LAB LAB	A	10-12	TU	н	232	V M V M	
			70938	LAD	U	10-12	,	rt.	232	A 14	

PHARMACOLOGY AND TOXICOLOGY.
PREREQUISITE: V. P. P. 318 OR CONSENT OF INSTRUCTOR. V P P 320

4 HOURS

90545 LECT-DISC TU TH 253 V M M W 253 V M

HUBER LINK

> STAFF STAFF

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STAFF

## VOCATIONAL AND TECHNICAL EDUCATION

DEPARTMENT CEFICE

3474 EDUCATION BUILDING

## COURSES FOR UNDERGRADUATES

NATURE OF THE TEACHING PROFESSION. VOTEC 101

2 HOURS

\*SECTION G: AGRICULTURE.

\*SECTION I: INDUSTRIAL EDUCATION.
\*SECTION L: HOME ECONOMICS.

F 28 EDUC TH 28 EDUC TH 21 D K H TU 25 EDUC TH 25 EDUC WALKER WALKER LECT-DISC #G ≠G 10-12 10-12 9-12 10 TU 10-12 LECT-DISC \*I 90560 90577 LECT-DISC #L STAFF STAFF **辛**;

VOTEC 181 IN 4 HOURS INTRODUCTORY WOODWORK.

\*SECTION A FOR STUDENTS IN OCCUPATIONAL THERAPY CURRICULUM. 2 M W F 48A EDUC 3-5 M W F 48A EDUC 8 TU TH 48A EDUC 9-12 TU TH 48A EDUC LECT #A LAB #A 90591 90584 LECT В LAB В

VOTEC 188 GENERAL SHOP FOR ELEMENTARY AND SPECIAL EDUCATION TEACHERS.

3 HOURS 90602

LECT A 2 TU TH 48A EDUC LAB A 3-5 TU TH 48A EDUC LECT B 630-730PM TU TH 48A EDUC LAB B 730-930PM TU TH 48A EDUC STAFF 90610 STAFF STAFF

INDUSTRIAL PRACTICES.

PREREQUISITE: SOPHOMORE STANDING, ENROLLMENT IN INDUSTRIAL

EDUCATION OPTIONS II AND III. \*STUDENTS MAY ACCUMULATE SEVENTEEN HOURS.

#2 OR 3 HOURS
TOTAL ACCUMULATED HOURS TO BE DETERMINED IN CONSULTATION WITH ADVISOR . ARR

90627 PRACT

STAFF

UNDERGRADUATE OPEN SEMINAR. VOTEC 199 \*MAY BE REPEATED.

#0 TO 9 HOURS

SECTION A: AGRICULTURAL EDUCATION. 3 HOURS SECTION B: INDUSTRIAL EDUCATION. 2 HOURS 90634 LECT-DISC A 7-9PM TH 90641 LECT-DISC 3 ARR M W F H 33 EDUC F 38 EDUC HE MP STAFF

#### COURSES FOR ADVANCED UNDERGRADUATES

VOTEC 24C PRINCIPLES OF VOCATIONAL AND TECHNICAL EDUCATION. PREREQUISITE: VOTEC. 101 AND PSYCH. 100.

2 HOURS

\*SECTION E: HOME ECONOMICS EDUCATION. \*SECTION G: AGRICULTURAL EDUCATION. \*SECTION I: INDUSTRIAL EDUCATION.

90659 LECT-DISC \*E 1-4 TH 22 EDUC 90666 LECT-DISC \*G 12 M F 33 EDUC 90673 LECT-DISC \*I 1-4 TH 38 EDUC

SPITZE STAFF SREDL

INDEPENDENT STUDY VOTEC 249 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK . 2 HOURS ADD 90681 CONE STAFE TECHNIC AND CURRICULUM DEVELOPMENT FOR TEACHING SECRETARIAL AND OFFICE PRACTICE SUBJECTS. VOTEC 270 3 HOURS 90698 MTUWTHE 8 DKH MAHAFFEY LECT-DISC VOTEC 275 SUMMER EXPERIENCE IN AGRICULTURAL EDUCATION. PREREQUISITE: HP. ED. 201. 2 OR 3 HOURS. 90709 PRACT STAFE 6 STUDENT TEACHING IN VOCATIONAL AGRICULTURE.
PREREQUISITE: HP. ED. 201 AND VOTEC. 240 OR CONSENT OF INSTRUCTOR
AND CONCURRENT ENROLLMENT IN VOTEC. 277. VOTEC 276 5 HOURS 90716 PRACT ARR STAFF VOTEC 277 PROGRAMS AND PROCEDURES IN AGRICULTURAL EDUCATION. PREREQUISITE: HP. ED. 201, AND VOTEC. 240 OR CONSENT OF INSTRUCTOR AND CONCURRENT ENPOLLMENT IN VOTEC. 276. 5 HOURS WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. 90723 8-10 MTUWTHF 28 EDUC 10 M WTHF 28 EDUC LECT-DISC WALKER 90731 LAB 10 M WTHE Α 1-5 W 28 EDUC 90748 LAB 8 3-5 TU TH 28 EDUC 28 EDUC EDUC 1-5 8 В 8 VOCATIONAL EDUCATION IN HOME ECONOMICS FOR ADULTS.
PREREQUISITE: SENIOR STANDING, REGISTRATION IN SE. ED. 241 AND VOTEC 278 ED. PR. 242. 3 HOURS WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. \*TWO HOURS TO BE ARRANGED. \*9 LECT-DISC 90755 MTUWTHE 25 EDUC SPITZE LAB \* ARR 22 EDUC VOTEC 284 ADVANCED METALWORK. PREREQUISITE: VOTEC. 183. 4 HOURS 8 TU TH 9-12 TU TH 38 EDUC STERN STERN 90762 LECT LAB COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES VOTEC 349 SPECIAL STUDY AND INVESTIGATION IN VOCATIONAL AND TECHNICAL EDUCATION.

PREREQUISITE: CONSENT OF INSTRUCTOR; DEMONSTRATED ABILITY TO PURSUE SPECIAL STUDY OR INVESTIGATION PROPOSED. 2 TO 4 HOURS, OR 1/2 TO 1 UNIT \*SECTION A IS FOR AGRICULTURAL EDUCATION. \*SECTION B IS FOR BUSINESS EDUCATION. \*SECTION C IS FOR HOME ECONOMICS.

\*SECTION D IS FOR INDUSTRIAL EDUCATION.

\*SECTION E: GENERAL VOTEC. CONF \*A 90770 STAFF 90787 ARR STAFF CONF CONF CONF \*C \*D 90794 ARR STAFF 90805 ARR STAFF 90812 \*F ARR STAFF DEVELOPMENT, ORGANIZATION, AND PRINCIPLES OF INDUSTRIAL EDUCATION.

3 HOURS, OR 1/2 OR 1 UNIT
90820 LECT-DISC 1 M 33 EDUC VOTEC 383

1-3

33 EDUC 33 EDUC

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STERN

THE GENERAL SHOP PROGRAM. VOTEC 384 PREREQUISITE: SIXTEEN HOURS IN APPROPRIATE VOCATIONAL AND TECHNICAL EDUCATION COURSES. 4 HOURS OR 1 UNIT WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. 90837 LECT 8 M W 38 EDUC 9-12 M W F 38 EDUC STAFF LAB STAFF 8 SPECIAL TECHNIQUES OF TEACHING VOCATIONAL INDUSTRIAL SUBJECTS.
PREREQUISITE: JUNIOR STANDING AND TEN HOURS OF UNDERGRADUATE CREDIT
IN APPROPRIATE VOCATIONAL AND TECHNICAL EDUCATION COURSES. 4 HOURS OR 1 UNIT 90844 LECT-DISC 630-PM 33 EDUC STAFF COURSES FOR GRADUATES VOTEC 442 JUNIOR COLLEGE. SAME AS HI. ED. 442. 1 UNIT LECT-DISC A 7-9PM TU 331 ARMORY 1-3 TU 150 ARMORY O BANION 90851 90869 9 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT. \*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN. CONSENT OF THE DEAN.

\*1/2 OR 1 UNIT

\*SECTION A: AGRICULTURE.

\*SECTION B: BUSINESS.

\*SECTION C: HOME ECONOMICS.

\*SECTION D: INDUSTRIAL EDUCATION.

\*SECTION E: GENERAL VOTEC.

OB76 CONF \*A ARR
OB83 CONF \*B ARR 90876 STAFF CONF 90883 \*B STAFF 90891 CONF \*0 ARR STAFF 90901 CONF \* D ARR STAFF CONF STAFF 90919 \*E ARR VOTEC 451 SUPERVISION IN HOME ECONOMICS EDUCATION. 1 UNIT 90926 LECT-DISC 4-6 TU 25 EDUC MATHER VOTEC 456 PROBLEMS AND TRENDS IN SPECIALIZED FIELDS OF VOCATIONAL AND TECHNICAL EDUCATION. 1 UNIT \*SECTION A IS HOME ECONOMICS EDUCATION. \*SECTION B IS BUSINESS EDUCATION.
1933 LECT-DISC \*A 7-9PI
1941 LECT-DISC \*B 7-9PI 90933 7-9PM 25 EDUC 33 EDUC MATHER TU 90941 7-9PM MAHAFFEY SUPERVISED AGRICULTURAL EXPERIENCE IN AGRICULTURAL ATIONS PROGRAM. PREREQUISITE: VOTEC. 276 AND 277 OR CONSENT OF INSTRUCTOR. 1/2 UNIT 90958 LECT-DISC HEMP 430-630 M 28 EDUC HISTORY AND BASIC CONCEPTS OF VOCATIONAL AND TECHNICAL VOTEC 481 EDUCATION. 1 UNIT 90965 LECT-DISC 7-930PM TH 28 FOUC STAFF RESEARCH STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION. VOTEC 482 1 UNIT 90972 LECT-DISC 630-930PM M BALDWIN SEMINAR IN VOCATIONAL, TECHNICAL, AND PRACTICAL ARTS 1 UNIT 90980 LECT-DISC 7-930PH TU 28 EDUC STAFF

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SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
          OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION
          FOR THE DEGREES OF PH.D. OR ED.D.
           1 TO 2 UNITS
           *SECTION A: AGRICULTURE.
           *SECTION B: BUSINESS.
           *SECTION C: HOME ECONOMICS.
          *SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.
                   CONF *A
        90997
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        91024
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        91031
                                 *F
                                         ARR
VOTEC 491
                FIELD STUDY AND THESIS SEMINAR.
          LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
           1 TO 2 UNITS
           *SECTION A: AGRICULTURE.
           *SECTION B: BUSINESS.
           *SECTION C: HOME ECONOMICS.
          *SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.
049 CONF *A ARR
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        91056
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        91063
                    CONF
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        91071
                                 *D
                                         ARR
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        91088
                                 * F
         9 THESIS RESEARCH.
0 TO 4 UNITS
VOTEC 499
          *SECTION A: AGRICULTURE.
          *SECTION B: HOME ECONOMICS.
*SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
          *SECTION E: GENERAL VOTEC.
               CONF *A
CONF *B
CONF *C
CONF *D
CONF *E
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## ZOOLOGY

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## DEPARTMENT OFFICE

91113

91121

91138

287 MORRILL HALL

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MAJOR: BIOL. 110 AND 111 AND TWENTY HOURS IN ZOOLOGY, EXCLUDING MAJDE: BIUL. 110 AND 111 AND 111 AND THENTY HOURS IN ZOULOUY, EXCLUDING ZOOL. 101, 104, 106, 107, BIOL. 110, 111, 151, AND BIOL. 101 AND 102 AT CHICAGO UNDERGRADUATE DIVISION. STUDENTS WHO HAVE CREDIT IN ZOOL. 104 MUST TAKE BOTANY 100 TO SATISFY THE ELEMENTARY SEQUENCE REQUIREMENT. AT LEAST ONE COURSE MUST BE TAKEN IN EACH OF THE FOLLOWING AREA—GROUPS OF COURSES: GENETICS AND DEVELOPMENT, 17001, 323, 8101, 210, 211, 2511, 2511, AND AND THE PROPERTY AND THE PROP PHYSIOLOGICAL ZOOLOGY (ZOOL. 312, 331, BIOL. 307
PHYSIOLOGICAL ZOOLOGY (ZOOL. 312, 331, BIOL. 307
PHYSI. 301 AND 303 OR PHYSL. 302 AND 304); ECOLOGY AND BEHAVIOR (ZOOL. 340, 342, 343, 345, 346, 369 BIOL. 310); MORPHOLOGY AND SYSTEMATICS (ZOOL. 232, 304, 318, 320, 321, 335).

BIOL. 203, 204, 251, 351, AND ALL 200-, 300-, AND 400-LEVEL ZOOLOGY COURSES, EVEN IF NOT INCLUDED IN THE PRECEDING AREA LISTS, AUTOMATICALLY COUNT TOWARD THE TWENTY HOURS. ALSO REQUIRED ARE ONE YEAR OF PHYSICS, AT LEAST 3 SEMESTERS OF CHEMISTRY INCLUDING ORGANIC, AND MATHEMATICS THROUGH ANALYTIC GEOMETRY WITH CALCULUS HIGHLY RECOMMENDED. ALSO HIGHLY RECOMMENDED IS ONE COURSE IN GENERAL BOTANY, MICROBIOLOGY, OR GEOLOGY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANIMAL SCIENCE (TO BE CHOSEN FROM COURSES 100, 110, 230, 305 OR 330) ANTHROPOLOGY, BOTANY, CHEMISTRY, EDUCATION, ENTOMOLOGY, GEOGRAPHY, GEOLOGY, MATHEMATICS, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, AND PSYCHOLOGY.

NOTE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT IS THE GENERAL BIOLOGICAL PREREQUISITE FOR MOST 200 AND 300 LEVEL COURSES. AN APPROVED GENERAL EDUCATION SEQUENCE IN BIOLOGY WILL GENERALLY BE CONSIDERED AN EQUIVALENT.

## COURSES FOR UNDERGRADUATES

7.004	104 515	MEATARY 300	1 OCV					
Z00L	4 HOURS	MENTARY ZOO	LUGI.					
	91145	LECT	Α	9	TU TH	112	G H	INGLE
	91152	LECT	18	3	TU TH	112	G H	
	91160	LECT	C	3	M W	112	G H	
	91177	LAB-DISC	1	8-10	М	338	NHB	
	91184	LAB-DISC	1 2	⊞ 810	F M	338 418	NHB	
	71104	L AB-DISC	2	8	F	418	NHB	
	91191	LAB-DISC	3	10-12	М	338	NHB	
			3	10	F	338	NHB	
	91202	LAB-DISC	4	10-12	M	418	NHB	
	91210	LAB-DISC	4 5	10	M F	418 338	NHB	
	71210	EMB-DISC	5	1	F	338	NHB	
	91227	LAB-DISC	6	1-3	M	418	NHB	
			6	1	F	418	N H B	
	91234	LAB-DISC	7	3-5	M	338	NHB	
	91241	LAB-DISC	7 B	3 3=5	F M	338 418	NHB	
	71241	EMB-0130	B	3	F	418	NHB	
	91259	LAB-DISC	9	8-10	TU	338	NHB	
			9	8	TH	330	NHB	
	91266	LAB-DISC	10	8-10	TU	418	NHB	
	91273	LAB-DISC	10	9	TH	330	NHB	
	91273	LAB-DISC	11	10-12	TH	338 330	NHB	
	91281	LAB-DISC	12	10-12	TU	418	NHB	
			12	11	TH	330	NHB	
	91298	LAB-DISC	13	1-3	TU _	338	NHB	
	91309	LAB-DISC	13	1	TH	330	NHB	
	91309	LAB-DISC	14	1-3 2	TH	418 330	NHB	
	91316	LAB-DISC	15	3-5	TU	338	NHB	
			15	3	TH	330	NHB	
	91323	LAB-DISC	16	3-5	TU	418	NHB	
	91331	4 4B D755	16	4	TH	330	NHB	
	91331	LAB-DISC	17	8-10	WF	338 338	NHB	
	91348	LAB-DISC	18	8-10	W	418	NHB	
			18	9	F	418	NHB	
	91355	LAB-DISC	19	10-12	W	338	NHB	
	012/2		19	11	F	338	NHB	
	91362	LAB-DISC	20	10-12 11	W	418 418	NHB	
	91370	LAB-DISC	21	1-3	W	338	NHB	
			21	2	F	338	NHB	
	91387	LAB-DISC	22	1-3	W	418	NHB	
	91394	LAB-DISC	22	2 3-5	F W	418 338	NHB	
	71374	LAB-DISC	23	4	- F	338	NHB	
	91405	LAB-DISC	24	3-5	W	418	NHB	
			24	4	F	418	NHB	
	91412	LAB-DISC	25	8-10	TH	338	NHB	
	01.630	1 40 0156	25	B	TU	330 418	N H B	
	91420	L AB-DISC	26 26	8-10 9	TU	330	NHB	
	91437	LAB-DISC	27	10-12	TH	338	NHB	
			27	10	TU	330	NHB	
	91444	LAB-DISC	28	10-12	TH	418	NHB	
	91451	LAB-DISC	28 29	11	TU TH	330 338	NHB	
	71471	F 40-013C	29	1-3	TU	330	NHB	
	91469	LAB-DISC	30	1-3	TH	418	NHB	
			30	2	TU	330	NHB	
	91476	LAB-DISC	31	3-5	TH	338	NHB	
	91483	LAB-DISC	31	3 -5	TU TH	330 418	NHB	
	71403	240 0130	32	4	TU	330	NHB	
	91491	LAB-DISC	33	7-9PM	TU	338	NHB	
			33	7 PM	TH	338	NHB	
	91501	LAB-DISC	34	7-9PM	TU	418	NHB	
			34	7 PM	TH	418	NHB	

PRINCIPLES OF HEREDITY. 7001 106 PREREQUISITE: SOPHOMORE STANDING.
\*CREDIT WILL NOT BE GIVEN FOR ZOOL. 106 OR 107 OR BIOL. 210 AND BIOL. 115. \*3 HOURS 91519 DISC M W F 124 BUR HALL KIT7MILLER COURSES FOR ADVANCED UNDERGRADUATES ZOOL 232 COMPARATIVE VERTEBRATE ANATOMY.
PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT. 5 HOURS 91526 10 LAB-DISC A
LAB-DISC B
LAB-DISC C 8-10 91533 М F 330 91541 11-1 М F 330 NHB 91558 LAB-DISC 3-5 330 COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 3 INDIVIDUAL TOPICS.
PREREQUISITE: TWO YEARS OF ZOOLOGY, SENIOR STANDING, APPROVAL Z00L 303 OF DEPARTMENT. 2 TO 5 HOURS, OR 1/2 OR 1 UNIT 91565 200L FIELD AND SYSTEMATIC ZOOLOGY. PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT; SENIOR STANDING OR CONSENT OF INSTRUCTOR. 5 HOURS OR 1 UNIT 91572 LECT TU TH 231 N H B 8-11 TU TH 420 91580 LAB Δ NHB 91597 В 2-5 TU TH 420 N H B IAB PROTOZOOLOGY.

PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT. ZOOL 318 5 HOURS OR 1 UNIT 91608 LECT 91615 LAB 231 NHB SMALL 2-5 М 208 N L 208 N L 91622 LAB В 9-12 м 7.001 PARASITOLOGY. PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT. 5 HOURS OR 1 UNIT 91630 LECT 1 TU TH 140 BUR HALL KRUI DEN I ER 8-11 TU TH 91647 LAB Α 326 N H B 91654 LAB A 2-5 326 N H B ZOOL 331 EXPERIMENTAL CYTOLOGY. SAME AS BOT. 331.
PREREQUISITE: BIOL. 210 OR BIOL. 151 OR 251, AND CONSENT OF INSTRUCTOR. 4 HOURS OR 1 UNIT 136 BUR HALL 106 H H 91661 LECT 10 TU TH DAVENPORT 2-5 LAB TU TH VERTEBRATE EMBRYOLOGY.
PREREQUISITE: BIOL. 111 OR 251, OR EQUIVALENT. ZOOL 5 HOURS OR 1 UNIT LECT 91679 1 3 TU 228 NHB WATTERSON 91686 LECT 3-5 TH 2 228 NHB 91693 LAB-DISC A B C 8-10 M W F 318 NHB 10-12 91704 LAB-DISC 318 NHB 1-3 M 91711 LAB-DISC F W 318 NHB LAB-DISC 9-12 TU TH 318 N H B 91729 MAMMALOGY .

ZOOL 336 MAMMALOGY.

PREREQUISITE: ZOOL. 232.

4 HOURS OR 1 UNIT

ADDITIONAL FIELD WORK REQUIRED AND TO BE ARRANGED.

91736 LECT 11 TU TH 231 N H B

1743 LAB A 8-11 TU 415 N H B

91751 LAB B 8-11 TU 415 N H B

WILDLIFE MANAGEMENT AND CONSERVATION.
PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT.
3 HOUPS OR 1/2 UNIT ZODŁ TU TH S LECT 302 VIVARIUM 91768 SHOEMAKER LAB 8-12 102B VIVARIUM 5 ANIMAL ECOLOGY.

PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR EQUIVALENT; SENIOR
STANDING OR CONSENT OF INSTRUCTOR. ZOOL \*4 HOURS, OR 3/4 UNIT CREDIT REQUIRES FIELD WORK ON SIX 342-5 HOURS OR 1 UNIT REQUIRES FIELD OR LABORATORY WORK EVERY SATURDAY INCLUDING ONE WEEKEND CAMPING TRIP. \*4 OR 5 HOURS, OR 3/4 OR 1 UNIT 91775 LECT M W F 124 BUR HALL 201 VIVARIUM GETZ 8-12 S LAB ETHOLOGY. Z00L 346 SAME AS AN. S. 346.

PREREQUISITE: ONE YEAR OF 300-LEVEL COURSES IN ZOOLOGY,
PHYSIOLOGY, OR PSYCHOLOGY; CONSENT OF INSTRUCTOR FOR LABORATORY ENROLLMENT. \*tECTURE ALONE 3 HOURS OR 1/2 UNITS. \*3 OR 5 HOURS, OR 1/2 OR 1 UNIT 91782 LECT M W 202 H H BANKS & SALME TU TH 343 N H B 91790 LAB-DISC 8-11 VIRUSES, I.
SAME AS BOT. AND MCBIO. 351.
PREREQUISITE: ORGANIC CHEMISTRY; BIOCHEMISTRY AND CALCULUS 200L 351 RECOMMENDED. 3 HOURS OR 3/4 UNIT 91801 LECT 1.1 M W F 140 BUR HALL DRAKE 7.001 361 INDIVIDUAL AND GROUP BEHAVIOR OF HONEY BEES. SAME AS ENTOM. 361 AND HORT. 361. PREREQUISITE: ONE SEMESTER OF ENTOMOLOGY OR ZOOLOGY. 2 HOURS OR 1/2 UNIT 91818 LECT-DISC W115 T H JAYCOX TU TH Z00L 367 ANALYSIS OF DEVELOPMENT. PREREQUISITE: BIOL. 211 DR ZOOL. 333, AND BIOL. 210, AND ORGANIC CHEMISTRY. 3 HOURS OR 3/4 UNIT BROWN, STOCU 91825 FECT-DISC M W F 1.1 314 L H WATTERSON ZOOL 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., ANTH., H. ED., PHYSL., PSYCH., SOC. AND V. M. S. 369. PREREQUISITE: ONE YEAR OF BIOLOGY AND ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEDLOGY, OR SOCIOLOGY.
\*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS. \*3 OR 5 HOURS, OR 1/2 OR 1 UNIT 832 LECT-DISC 11 112 C A TODD AND KENDEIGH COURSES FOR GRADUATES

ZOOL 408 LABGRATORY METHODS IN PHYSIOLOGY OF REPRODUCTION.
SAME AS AN. S. 408.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT
91840 LAB ARR

NALBANDOV

ZOOL 412 ADVANCED ENDOCRINOLOGY

SAME AS AN. S., D. S., AND PHYSL. 412.

PREREQUISITE: PHYSL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.

\*STUDENTS MAY ACCUMULATE 2 UNITS.

\*1/2 UNIT

TOPIC: TO BE ANNOUNCED.

91857 DISC 730-PM M 140 BUR HALL NALBANDOV

ZOOL 433 TOPICS IN DEVELOPMENTAL BIOLOGY.

PREREQUISITE: ZOOL. 367.

\*MAXIMUM CREDIT FOR MASTERS CANDIDATES ONE UNIT, DOCTORAL
CANDIDATES THREE UNITS.

\*1/4 UNIT
INSTRUCTORS: BROWN, DAVENPORT, NANNEY, STOCUM, WATTERSON.

BROWN
DAVENPORT
NANNEY, STOCUM
WATTERSON,
WHITT

ZOOL 441 ADVANCED COMPARATIVE PHYSIOLOGY.

SAME AS PHYSL. 441.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 UNIT

TOPIC: PHYSIOLOGICAL ADAPTATIONS.
91871 DISC 7-9PM

CONF

91864

91889

W 422 BUR HALL PROSSER

ZOOL 442 ADVANCED COMPARATIVE PHYSIOLOGY LABORATORY.

SAME AS PHYSL. 442.

PREREQUISITE: PHYSL. 402, 403, 404; CREDIT OR REGISTRATION
IN PHYSL. OR ZOOL. 441.
1 UNIT

1-4 M W 542 BUR HALL PROSSER

ZOOL 444 CONCEPTS IN ETHOLOGY.
PREREQUISITE: ZOOL. 346.
1/2 UNIT
91896 DISC ARR

WILLSON

ZOOL 445 SEMINAR IN FISH AND WILDLIFE ECOLOGY.
PREREQUISITE: ZOOL. 342 OR 345, OR EQUIVALENT.
1/2 UNIT

1/2 UNIT 91907 DISC 4-6 TU 485 N.R.B.

SANDERSON AND BENNETT

ZODL 491 TOPICS IN POPULATION BIOLOGY.

PREREQUISITE: CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED TO A MAXIMUM OF 4 UNITS.

\*1/2 UNIT

91914 DISC ARR

THESIS RESEARCH. Z00L 499 O TO 4 UNITS ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF VERTEBRATES: VERTEBRATE ANATOMY FUNCTIONAL ANATOMY VERTEBRATE PHYSIOLOGY FRAZZETTA PROSSER, HEATH ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF INVERTEBRATES: HELMI NTHOLOGY KRUIDENIER. SILVERMAN. LEVINE INVERTEBRATE ZOOLOGY
INVERTEBRATE PHYSIOLOGY MATTESON, SWEENEY PROSSER, SWEENEY PARASITOLOGY KRUIDENIER, SILVERMAN, ALGER PROTOZOOLOGY

SMALL, LEVINE
EMBRYOLOGY AND BASIC KNOWLEDGE OF CELLS AND TISSUES: CYTOLOGY DAVENPORT WHITT

DEVELOPMENTAL BIOLOGY EMBRYOLOGY AND REGENERATION DAVENPORT, WATTERSON, STOCUM

TOXICOLOGY INGLE

**ULTRASTRUCTURE** HALL ECOLOGY, PRINCIPLES OF TAXONOMY, NATURAL HISTORY: ECOLOGY KENDEIGH, WILLSON.

GHENT, GETZ BANKS, HIRSCH, SALMON ETHOLOGY HERPETOLOGY ICHTHYOLOGY SHOEMAKER, P. SMITH MATTESON, BENNETT LIMNOLOGY MAMMALBGY

HOFFMEISTER, LEE, LELAND KENDEIGH ORNITHOLOGY EADES TAXONOMY WILDLIFE KENDEIGH, SHOEMAKER, SANDER SON

KITZMILLER, NANNEY, BROWN,

FRAZZETTA

GENETICS AND EVOLUTION: GENETICS EVOLUTIONARY THEORY ADD 91921 CONF

## NON-COMBINED FINAL EXAMINATION SCHEDULE

## First Semester, 1970-1971

Monday, January 18, to Tuesday, January 26, 1971

Note: This schedule does not apply to courses in the colleges of Law and Veterinary Medicine, or to combined-section examinations. These schedules will be announced later.

Examinations must be taken at the close of each semester in all courses except those the character of which renders this unnecessary or impracticable.

#### TIME OF EXAMINATIONS

Instructors must give final examinations at the time specified unless a change is approved in advance by the Chancellor. Requests for change should be submitted through the executive officer of the department in which the course is offered and the dean of the appropriate college.

Undergraduate Students. Only the dean of the student's college may approve postponement of the final examination in individual cases of undergraduate students.

Graduate Students. The student's instructor is authorized to approve requests for postponement of the final examination in individual cases of graduate students.

## EVENING EXAMINATIONS

Evening examinations are not authorized except for classes regularly scheduled through the semester to meet at 7:00 a.m., 12:00 noon, and after 4:00 p.m. The evening hours for these examinations are specified in the published non-combined examination schedule.

#### IRREGULARLY SCHEDULED COURSES

The final examination in a sectional course having at least two lectures per week at the same hour must be scheduled according to the sequence (MWF or TTS) in which the lectures occur, irrespective of the credit hours in the course or the time of discussion or laboratory occur, is

Examinations in multiple instructional courses combining one lecture with two or more discussion and/or laboratory periods at the same hour should be scheduled according to the sequence in which the discussion and/or laboratory periods fall, irrespective of the lecture hour.

Examinations in courses which include combinations of one meeting each of lecture, dis-

cussion, and laboratory, or any two of these, at different hours must be arranged by the in-structors concerned within the established period. A conflict examination must be provided if

necessary.

If a course is so arranged that the examination may be given on more than one date, the earliest date in the examination schedule must be chosen. This includes graduate seminars. For example, a course regularly meeting from 1:00 to 3:00 p.m. on Monday and Wednesday, or on Wednesday, Thursday, and Friday, must have the examination scheduled from 1:30 to 4:30 p.m. on Tuesday, January 19, not Monday, January 25.

For courses regularly meeting on half-hour schedules, e.g., 8:00 to 9:30 a.m. on MF, the half-hour periods should be disregarded, and the examination must be given according to the sequence in which the full hours fall, i.e., 8:00 a.m. on MF. The examination in such a course

sequence in which the full hours fall, i.e., 8:00 a.m. on MF. The examination in such a course must be given on Monday, January 25, from 8:00 to 11:00 a.m.

## SINGLE MEETING CLASSES

Examinations for courses meeting only once a week for one or more hours are to be arranged by the instructors concerned within the established examination period (January 18 to

January 26, 1971).

Final examinations for 300- and 400-numbered education courses meeting only once a week will be administered during the first week of the final examination period at the same time, in the same classroom, and on the same weekday scheduled for regular meetings of the course throughout the semester.

#### CONFLICTS

Non-combined examinations always have precedence over combined examinations, and departments giving combined-section examinations must care for conflicts with non-combined examinations

Two or more examinations in sequence are not considered "conflicts."

## LENGTH OF EXAMINATIONS

The maximum limit for undergraduate examinations shall be three hours, except by special arrangement in individual cases approved by the dean of the college concerned. At the discretion of the department, a shorter examination may be given.

Permission to use a room of more than 100 capacity should be requested by the instructor directly from the Office of Space Utilization, 237 Davenport House, extension 3-1230 or 3-1231, starting on December 14, 1970. Permission to use other rooms allocated to another department should be requested from the department to which the room has been allocated.

#### SUPERVISION OF EXAMINATIONS

Instructors must supervise all examinations and are responsible for seeing that there is no communication of any sort during the examination except with the instructor.

## DISCIPLINE FOR ACADEMIC IRREGULARITIES

Cases of academic irregularities shall be handled by the respective schools and colleges, except that cases recommended for suspension or dismissal from the University shall be referred to the appropriate Subcommittee on Student Discipline. For details of procedure, consult Official Notice No. 73, Faculty Letter 78, May 28, 1964. (Revised regulations adopted by the Urbana-Champaign Senate, April 13, 1964, reprinted in the pamphlet Undergraduate Student Discipline at the University of Illinois, available in the Office of the Senate Committee on Student Discipline.)

#### MORNING CLASSES

(a) All courses meeting on the TTS sequence or a combination of the TTS and the MWF sequences.

#### Classes meeting at:

Seven O'Clock Eight O'Clock Nine O'Clock Ten O'Clock Eleven O'Clock Twelve O'Clock Tues., Jan. 19 Tues., Jan. 26 Tues., Jan. 19 Wed., Jan. 20 Thurs., Jan. 21 Mon., Jan. 18 7:00-10:00 p.m. 8:00-11:00 a.m. 8:00-11:00 a.m. 8:00-11:00 a.m. 7:00-10:00 p.m.

(b) All courses meeting on the MWF sequence only.

#### Classes meeting at:

 Seven O'Clock
 Eight O'Clock
 Nine O'Clock
 Ten O'Clock
 Eleven O'Clock
 Twelve O'Clock

 Tues., Jan. 19
 Mon., Jan. 25
 Mon., Jan. 18
 Fri., Jan. 22
 Sat., Jan. 23
 Tues., Jan. 26

 7:00-10:00 p.m. 8:00-11:00 a.m.
 8:00-11:00 a.m.
 8:00-11:00 a.m.
 8:00-11:00 a.m.
 7:00-10:00 p.m.

#### AFTERNOON CLASSES

(a) All courses meeting on the MWF sequence, or a combination of the MWF and the TTS sequences.

## Classes meeting at:

One O'Clock Two O'Clock Three O'Clock Four O'Clock Five O'Clock After Five O'Clock Mon., Jan. 25 Tues., Jan. 19 Wed., Jan. 20 Tues., Jan. 26 Mon., Jan. 25 Wed., Jan. 20 1:30-4:30 p.m. 1:30-4:30 p.m. 1:30-4:30 p.m. 7:00-10:00 p.m.

(b) All courses meeting on the TTS sequence only.

#### Classes meeting at:

One O'Clock Two O'Clock Three O'Clock Four O'Clock Five O'Clock After Five O'Clock Fri., Jan. 22 Thurs., Jan. 21 Mon., Jan. 18 Sat., Jan. 23 Fri., Jan. 22 Thurs., Jan. 21 1:30-4:30 p.m. 1:30-4:30 p.m. 1:30-4:30 p.m. 7:00-10:00 p.m. 7:00-10:00 p.m.

# CALENDAR

# First Semester, 1970-1971

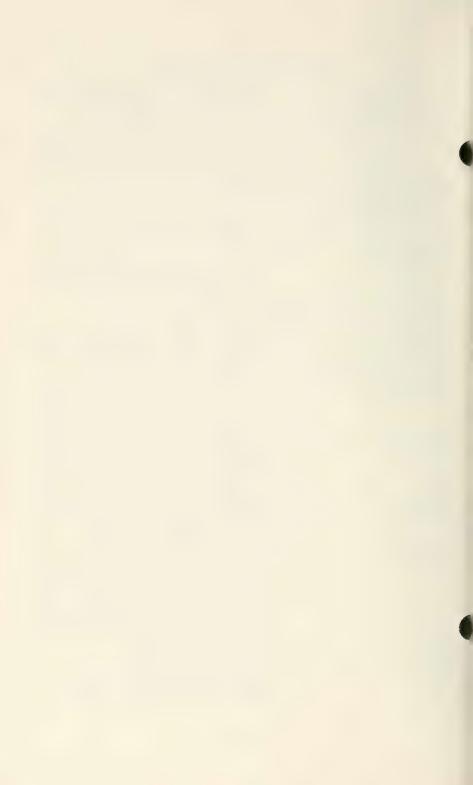
July 29, Wed	. Latest date for foreign students who have not attended a college or university in the United States to apply for admission in September, 1970.
Aug. 26, Wed	. Latest date for domestic students, or foreign students who have attended a college or university in the United States, to apply for admission or readmission in September, 1970.
Sept. 8, Tues., 1:00 p.m Sept. 14, Mon	New Student Program
	. Preregistration (special permit required).
Sept. 10, Thurs., 8:00 a.m	. Registration of graduate and undergraduate students.
Sept. 12, Sat., 8:00 a.m. to 12:00 noon.	. Registration of commuting teachers.
Sept. 14, Mon., 7:00 a.m	.Instruction begins.
Sept. 19, Sat	. Football (Illinois vs. Univesity of Oregon).
Sept. 24, Thurs., 5:00 p.m	Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
Sept. 26, Sat	. Football (Illinois vs. Tulane University).
Sept. 28, Mon., 5:00 p.m	.Last date for undergraduate students to add a new course.
Sept. 28, Mon., 3:10 p.m	. Meeting of Urbana-Champaign Senate.
Oct. 3, Sat	. Football (Illinois vs. Syracuse University).
	. Meeting of Urbana-Champaign Senate.
	October graduation date (no Commencement exercises).
	. Homecoming (Football: Illinois vs. Indiana University).
Oct. 24, Sat	
Nov. 2, Mon	Earliest date for one-half credit if withdrawing from the University for military service (seven weeks' instruction completed).
Nov. 5, Thurs., 5:00 p.m	
Nov. 6, Fri., 5:00 p.m	. Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
Nov. 6, Fri., 5:00 p.m	. Last date for undergraduate students to withdraw from a course without penalty.
	. Meeting of Urbana-Champaign Senate.
	. Veteran's Day Observance (classes dismissed 10:45 to 11:15 a.m.).
	Dad's Day (Football: Illinois vs. University of Wisconsin).
Nov. 25, Wed., 1:00 p.m	
Dec. 1, Tues., 1:00 p.m	
	Illinois Day (State admitted to the Union, 1818). Latest date to withdraw from the University without
	petitioning for readmission.
Dec. 12, Sat	. Earliest date for full credit if withdrawing from the University for military service (twelve weeks' instruction completed).
	. Meeting of Urbana-Champaign Senate.
Dec. 19, Sat., 1:00 p.m	
Jan. 4, Mon., 1:00 p.m	
Jan. 11, Mon., 3:10 p.m	. Meeting of Urbana-Champaign Senate.
Jan. 18, MonJan. 26, Tues	
	. Meeting of Urbana-Champaign Senate.
	. February graduation date (no Commencement exercises).
	, , , , , , , , , , , , , , , , , , , ,

# Second Semester, 1970-1971

occond demesies, 1770-1771
Feb. 1, MonFeb 6, SatNew Student Program.
Feb. 3, Wed., 2:30 to 5:00 p.mPreregistration (special permit required).
Feb. 4, Thurs., 8:00 a.m Feb. 6, Sat., 12:00 noon
Feb. 6, Sat., 8:00 a.m. to 12:00 noonRegistration of commuting teachers.
Feb. 8, Mon., 7:00 a.m
Feb. 8, Mon., 3:10 p.m
Feb. 15, MonLatest date for students currently enrolled to apply for student teaching assignment in fall or spring semester 1971-1972.
Feb. 15, MonGraduation date (no Commencement exercises).
Feb. 18, Thurs., 5:00 p.mLatest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
Feb. 22, Mon., 5:00 p.mLast date for undergraduate students to add a new course.
Mar. 2, Tues
Mar. 8, Mon., 3:10 p.mMeeting of Urbana-Champaign Senate.
Mar. 29, Mon Earliest date for one-half credit if withdrawing from the University for military service (seven weeks' instruction completed).
April 1, Thurs., 5:00 p.m
April 2, Fri., 5:00 p.mLatest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
April 2, Fri., 5:00 p.mLast date for undergraduate students to withdraw from a course without penalty.
April 3, Sat., 1:00 p.mSpring vacation begins.
April 12, Mon., 1:00 p.mSpring vacation ends.
April 12, Mon., 3:10 p.mMeeting of Urbana-Champaign Senate.
April 30, Fri
April 30, FriMay 2, SunCampus Mother's Day weekend.
May 7, Fri., 5:00 p.mLatest date to withdraw from the University without petitioning for readmission.
May 10, Mon., 3:10 p.mMeeting of Urbana-Champaign Senate.
May 11, Tues
May 27, Thurs., and May 28, Fri Registration for 1971 summer session off-campus courses, College of Law, and registration staff, including payment of tuition and fees.
May 29, SatLast day of instruction.
May 31, MonMemorial Day (holiday).
June 1, TuesJune 9, WedSemester examinations.
June 7, Mon., 3:10 p.m
June 19, SatCommencement.

# Eight-Week Summer Session, 1971

Light-week dominer desiron, 1771
May 27, ThursMay 28, Fri Registration for 1971 Summer Session off-campus courses, College of Law, and student registration staff, including payment of tuition and fees.
June 7, Mon., 3:10 p.m
June 7, MonJuly 14, WedFirst session Summer Law Program.
June 11, Fri., 5:00 p.mLatest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from first five and one-half week Law session. (First five days.)
June 17, Thurs., 5:00 p.mLatest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from elevenweek Law term. (First ten days.)
June 21, MonRegistration.
June 22, Tues., 7:00 a.mInstruction begins.
June 23, Wed., 5:00 p.mLatest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from first five and one-half week Law session. (First fifteen days.)
June 28, MonLast date for undergraduate students to add a new course.
June 28, Mon., 5:00 p.m Latest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range in eight-week session. (First five days.)
July 4, SunIndependence Day.
July 5, MonIndependence Day holiday.
July 15, ThursAug. 21, SatSecond session Summer Law Program.
July 19, MonBeginning of second four-week courses.
July 19, Mon., 5:00 p.mLatest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from eleven-week Law term. (First six weeks.)
July 19, Mon., 5:00 p.mLatest date for undergraduate students to withdraw from a course without penalty.
July 20, Tues., 5:00 p.m
July 20, Tues., 5:00 p.m
July 21, Wed Earliest date for one-half credit if withdrawing from the University for military service (four weeks' instruction completed), except Law.
July 23, Fri., 5:00 p.m
July 28, Wed Latest date for foreign students who have not attended a college or university in the United States to apply for admission in September, 1971.
July 29, Thurs
July 30, Fri., 5:00 p.m
July 30, Fri., 5:00 p.m
Aug. 4, Wed Earliest date for full credit if withdrawing from the University for military service (six weeks' instruction completed), except Law.
Aug. 12, ThursLast day of instruction in eight-week session.
Aug. 13, FriAug. 14, SatSummer Session final examinations.
Aug. 16, Mon
Aug. 25, Wed



# **INDEX**

Accountancy11	Industrial Engineering	
Advertising	Italian	
Aeronautical and Astronautical Engineering16	Japanese	
Agricultural Economics20	Journalism	
Agricultural Engineering23	Korean. Labor and Industrial Relations.	
Agricultural Mechanization	Landscape Architecture	
Agriculture	Latin	
Air Force Aerospace Studies	Latin-American Studies.	
American Civilization	Law	
Animal Science	Liberal Arts and Sciences	
Anthropology	Library Science	
Arabic39	Linguistics	243
Architecture40	Listing of Courses	5
Art44	Listing of Honors Sections	
Asian Studies57	Mathematics	
Astronomy59	Mechanical Engineering	
Aviation61	Medieval Civilization Studies	
Bands66	Metallurgical Engineering	
Biochemistry91	Microbiology	
Biology	Military Science.	
Biophysics70	Mining Engineering	
Botany71	Modern Greek	
Burmese74	Music	
Business	Naval Science	
Business and Technical Writing	Non-Combined Final Examination Schedule.	
Calendar	Nuclear Engineering	
Ceramic Engineering80	Occupational Therapy	
Chemical Engineering93	Order of Registration	
Chemistry	Persian	
Chinese94	Petroleum Engineering	298
Civil Engineering95	Philosophy	298
Classical Civilization	Physical Education	
Communications	Physical Education for Men	
Comparative Literature106	Physical Education for Women	
Computer Science107	Physics	
Czech112	Physiology	
Dairy Science112	Plant Pathology	
Dairy Technology	Polish	
Dance	Political Science	
Economics	Psychology	
Education Administration and Supervision 125	Radio and Television	
Educational Practice	Recreation and Park Administration	
Educational Psychology	Registration Instructions	
Electrical Engineering	Religious Studies	
Elementary Education	Rhetoric and Composition	
Engineering	Rural Sociology	
Engineering Honors	Russian	
English151	Russian Language and Area Studies	371
English as a Second Language	Safety Education	373
Entomology161	Scandinavian	
Finance	Secondary and Continuing Education	
Food Science	Serbo-Croatian	
Forestry	Slavic	
French	Social Sciences	
General Education	Social Work	
General Engineering	Sociology	
Geology	Spanish	
German 190	Special Education	
Germanic	Speech	
Greek	Theatre	
Health Education	Theoretical and Applied Mechanics	
Hebrew	Urban Planning	
Higher Education	Veterinary Biological Structure	
Hindi201	Veterinary Clinical Medicine	
History201	Veterinary Medical Science	
History and Philosophy of Education209	Veterinary Medicine	
Home Economics211	Veterinary Pathology and Hygiene	
Horticulture217	Veterinary Physiology and Pharmacology	
Humanities219	Vocational and Technical Education	
Indonesian220	Zoology	423



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DA		us la	
	ED:	u.	
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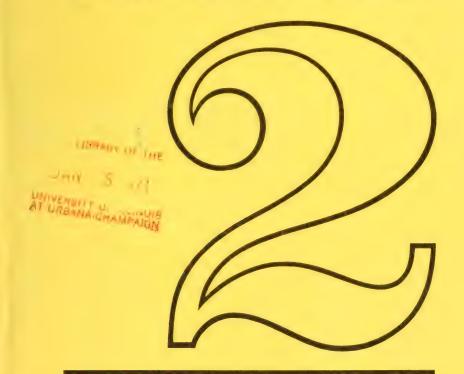






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# TIME TABLE



BULLETIN . UNIVERSITY OF ILLINOIS . URBANA DEPARTMENTS

# SECOND SEMESTER 1970-1971

Supplement Information	Cover 2
Registration Instructions	1
Listing of Courses	5
Non-Combined Final Examination Schedule	431
Calendar	433
Index	435

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# UNIVERSITY OF ILLINOIS BULLETIN

Volume 68, Number 45; November 20, 1970. Published twelve times each month by the University of Illinois. Entered as second-class matter December 11, 1912, at the post office at Urbana, Illinois, under the Act of August 24, 1912. Office of Publication, 114 Altgeld Hall, Urbana, Illinois 61801.

## REGISTRATION INSTRUCTIONS

## How to Prepare a Program Request

Please make certain that the Time Table you are using applies to the term for which you are requesting a program of courses. Use a Program Worksheet form to arrange, according to instructions in Item A below, your program of courses for the term. Submit your program request on a Number 2 Program Request Card, according to instructions in Item B below. The Program Worksheet form is printed on the back pages of this Time Table. Additional copies of this form and the Number 2 Program Request Card may be obtained from your major departmental office.

## A. THE PROGRAM WORKSHEET

- I. Before entering a course on your Program Worksheet, ascertain that you have satisfied all prerequisites and special requirements listed under the course heading in the Time Table.
- II. Print legibly on your Program Worksheet each of the following items for every course you wish to include in your program request:
  - a. In the SUBJECT column, the name of the subject, as abbreviated in the Time Table, e.g., Rhet. (NOT English).
    - (Do not confuse the "title" of the course (Freshman Rhetoric and Composition) with the subject (Rhet.) or with the name of the department offering the course (English).
  - b. In the CRSE. NO. column, the subject course number.
    - Note: Authorization from the Graduate College must be obtained by the undergraduate student to enroll in a 300-level course for credit in graduate units or in a 400-level course for either graduate or undergraduate credit, and by the graduate student to enroll in a course for credit in undergraduate hours.
  - c. In the CR column, the amount of credit in undergraduate hours or graduate units.

## SPECIAL INSTRUCTIONS

- 1. An undergraduate student who is authorized to request a 300- or 400-level course for credit in graduate units must place a "U" in the column under the arrow.
- 2. A graduate student who is authorized by his adviser to request a course for credit in undergraduate hours must place an "H" in the column under the arrow.
- 3. Courses offered for variable amounts of credit (e.g., 0 to 4 units) must be shown at a permissable specific amount of credit (e.g., 2 units), not the credit range indicated in the Time Table.
- d. In the CALL NUMBER column, the five digit call number listed in the Time Table. The five digit call numbers appear to the left of each section designation in the Time Table course listings. A call number may control one or more instructional type sections in a multiple section course. If you need more than one line on a worksheet to enter the instructional type designations and the meeting times and/or places controlled by one call number, leave the call number column blank for the additional lines needed.
- e. It the INSTR. TYPE column, the official abbreviation (i.e., lect., lect., disc., quiz, lab., etc.) of the instructional type for each entry. Some courses require that instructional type sections be taken in specific combinations, as indicated in the Time Table.
- f. In the SCTN. DES. column, the section number or letter designation for each line entry.
- g. In the weekday columns, the meeting times for each entry (e.g., 8 or 1-3).
- h. In the MEETING PLACE column, the room number and building abbreviation where the class meets.
- III. Obtain your adviser's approval for your program.
  - If your college permits self-advising, you do not need this approval.
- IV. Retain the Program Worksheet for your files as your record of the requested program.

## B. THE NUMBER 2 PROGRAM REQUEST CARD

I. Using ink, copy legibly (clear and distinctive characters, please) and without error the required course information from the heavily outlined box of your worksheet onto the appropriate (graduate or undergraduate) Number 2 Program Request Card (undergraduates, see note below).

Do not repeat a given call number on the Number 2 Program Request Card. Instead, in the screened column next to the call number, write the number of instructional sections types (lect., disc., quiz, lab.) listed following each call number in the Time Table.

Note for Undergraduates: During registration (other than advance enrollment) do not enter call numbers on your Number 2 Program Request Card until you are assured of a place in the desired section (1) during residual and summer session registrations, by

means of having your name entered on the departmental tally sheet and obtaining a Number 5A Class Card for the appropriate courses and/or sections, and (2) during late registration, by means of the signature of the instructor or his representative on the Number 2 Program Request Card.

- II. Count the lines on your Number 2 Program Request Card which contain call numbers and write the total in the box at the lower right. (See A, II, d, and B, I above.)
- III. If not advance enrolled, determine the number of class cards you must obtain and submit with your Program Request Card during registration by adding the numbers you entered in the screened column on the Number 2 Program Request Card.
- IV. To be valid, the Number 2 Program Request Card must be signed as required by your college.
  - V. Submit your Number 2 Program Request Card:
    - a. During advance enrollment,
      - 1. To your adviser (major department, if self-advised see A, III above), if you are an undergraduate student.
      - 2. To your major department, if you are a graduate student.
    - b. During residual and summer session registrations,
      - At Station 9 in the Armory, with all your other registration cards, according to "Registration Instructions for Undergraduate (or Graduate) Students" available at your college office during registration.
      - 2. Advance enrolled undergraduates must not submit a Number 2 Program Request Card during registration in the Armory.
    - c. During late registration, to the fee assessor in the Administration Building.

## ORDER OF REGISTRATION

## Second Semester, 1970-1971

Wednesday, February 3, through Saturday noon, February 6

## **GRADUATE STUDENTS**

The Program Request Card and other preliminary registration materials for graduate students who have not advance enrolled may be obtained in advance of registration days at the office of the student's adviser, beginning Monday, February 1.

Authorization cards essential to complete registration will be distributed in the Upper Gymnasium, English Building, to all graduate students except those individually informed by special instructions that they must go elsewhere. Distribution will be made in accordance with the alphabetical schedule given below, but not before.

## UNDERGRADUATE AND PROFESSIONAL STUDENTS

Authorization cards to complete their registration will be distributed in the Armory for

Authorization cards to complete their registration will be distributed in the Armory for all advance enrolled undergraduate and professional students.

Unless individually informed by special instructions that they must go first to Room 69 Administration Building, authorization cards for all non-advance enrolled undergraduate and professional students will be distributed from the locations designated by the deans of the various colleges, as follows:

Agriculture Home Economics and Home Economics Education
Aviation All curricula
Commerce and Business Administration All curricula
Communications All curricula
Education All curricula
Engineering All curriculaNortheast corner entrance, Huff Gymnasium
Fine and Applied Arts All curricula
Law All classes
Liberal Arts and Sciences All curriculaLobby, Lincoln Hall Theatre
Physical Education All curricula
Veterinary Medicine All classes

Detailed registration instructions are distributed to graduate students at their departmental adviser's office and to undergraduate and professional students with their authorization card.

#### DISTRIBUTION SCHEDULE

The distribution schedule for all students is as follows:

EARLY REGISTRATION PERIOD (special permit required)Wednesday, February 3 Student registration staff
REGULAR REGISTRATION Thursday, February 4, 1971
Brp through Com
Con through Dq 9:00 a.m.
Dr through Fq
Fr through Grd11:00 a.m.
Gre through Her
Hes through Jog
Joh through Kou
Kov through Lor
Friday, February 5, 1971
Los through Meh
Mei through Neu
Nev through Ph
Pi through Rog
Sem through Std. 2:00 p.m.
Ste through Tuk. 3:00 p.m.
Tul through Wh
Saturday, February 6, 1971
Wi through Z
A through Bee
Bef through Bro

Teachers wishing to register in evening or Saturday classes who are unable to be here at the hour designated will be permitted to register between 8:00 a.m. and noon on Saturday, February 6. The offices will not be open for registration on Saturday, February 13, or any February 6. The offisubsequent Saturday.

Graduate and undergraduate registrations are completed in the Armory through Saturday noon, February 6, Late registrations are completed in the Administration Building, Monday, February 8, and thereafter.

## LATE REGISTRATION

The late registration fine of \$15.00 will be assessed all students who complete registration after 12:00 noon, Saturday, February 6, 1971. No registration is considered complete until the fee card has been deposited with a Business Office cashier. This includes students exempt from tuition and/or fees.

## LISTING OF COURSES

The arrangement of subjects in this Time Table is alphabetical. The courses offered in each subject are listed numerically with headings to indicate the students for whom they are designed. Courses for undergraduates (freshmen and sophomores) are numbered 100 to 199; for advanced undergraduates for undergraduates (freshmen and sophomores) are numbered 100 to 199; for advanced undergraduates (juniors and seniors), 200 to 299; for advanced undergraduates and graduates (juniors, seniors, and graduates), 300 to 399; for graduates, 400 to 599. Following the title of each course is a statement of the requirements, if any, for admission to the course.

Special sections intended for Honors Students are listed on page 6 preceding the departmental listings. These sections are also included in the departmental listings, and are designated by the am-

persand symbol (&).

## Credit

Credit for undergraduate students is counted in semester hours. An hour is one class period a week for one semester or the equivalent in laboratory or field work or approved independent study. The number of hours for which each course counts is shown under each course.

The number of hours for which each course counts is shown under each course.

Credit for graduate students is counted in units. A unit course requires ten hours of time each week through the semester, irrespective of the distribution of that time in classwork, laboratory or field work, and private study. Four such courses or their equivalent constitute a student's normal program for one semester. The unit values of graduate courses are indicated under each of these courses. No course may be taken for graduate credit unless it is so designated in this Time Table of courses offered. In general, one graduate unit is the equivalent of four semester hours of undergraduate credit. Approval of the Graduate College must be obtained for all registrations of undergraduate students in 400 courses for either semester hour or unit credit, or in 300 courses for unit credit.

## Buildings

University buildings are designated by the following abbreviations:

University buildings are designated by the follo	owing abbreviations:
Admin	IHIllini Hall
Aero Lab. Aeronautical Engineering Laboratory	IUIllini Union
Agr EngAgricultural Engineering Building	KMKrannert Art Museum
AHAltgeld Hall	Kran PerfKrannert Center
An GenAnimal Genetics Building	for the Performing Arts Law Law Building
ArchArchitecture Building	
Art Sculpt Art-Sculpture Building	LHLincoln Hall
ASLAnimal Sciences Laboratory	LibLibrary
Bev HallBevier Hall	LIRLabor and Industrial Relations Building
BRL Burnsides Research Laboratory	MEB Mechanical Engineering Building
Bur Hall Burrill Hall	MEL Mechanical Engineering Laboratory
CA Chemistry Annex	MHMumford Hall
CD Child Development Laboratory	MMB Metallurgy and Mining Building
CEB Civil Engineering Building	MOGMen's Old Gymnasium
Cer Ceramics Building	Mor HallMorrill Hall
Col Wolfe Colonel Wolfe School	Mum HouseMumford House
Com W Commerce and Rusiness	NELNuclear Engineering Laboratory
Administration Building (West)	NHBNatural History Building
DHDavenport Hall	NLNoyes Laboratory of Chemistry
DKHDavid Kinley Hall	NRBNatural Resources Building
DMB Dairy Manufactures Building	Nuc Reac LabNuclear Reactor Laboratory
EBEnglish Building	ObservObservatory
EC East Chemistry Building	PAPractice Annex
Educ Education Building	PBPhysics Building
EE Annex Electrical Engineering Annex	Psych BldgPsychology Building
EEB Electrical Engineering Building	Rehab CenterRehabilitation-Education Center
EH Engineering Hall	SAString Annex
EPGB Educational Projects and Guidance	SHStiven House
Building	SMHSmith Music Hall
ERL Engineering Research Laboratory	SPStock Judging Pavilion
FABFine and Applied Arts Building	Sp ClinicSpeech Clinic
FlorFloriculture Building	Surv BldgSurveying Building
Freer Gymnasium	TATheory Annex
FSL Forest Science Laboratory	TBTransportation Building
GH. Gregory Hall HA. Hill Annex	THTurner Hall
HFL Horticulture Field Laboratory	TLTalbot Laboratory
HGHuff Gymnasium	UHSUniversity High School
HHHarker Hall	VCLAVeterinary Clinic, Large Animal
Hyd Eng Lab	VCSAVeterinary Clinic, Small Animal
Laboratory	Veg CropsVegetable Crops Building
HSLHydrosystems Laboratory	VMVeterinary Medicine Building

## LISTING OF HUNDRS SECTIONS.

FOLLOWING IS A LISTING OF HONORS SECTIONS UFFERED DURING THIS SEMESTER. THESE SECTIONS, DESIGNATED BY THE AMPRESAND SYMBOL (6) PRECEDING THE SECTION DESIGNATION, ALSO APPEAR IN THE ALPHABETICAL LISTING OF COURSES.

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RHET	108	72651	LECT-DISC	601	11-1230	TU TH	105	нн
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RHET	108	72677	LECT-DISC	603	11-1230	TU TH	312	N L
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RHET	108	72693	LECT-DISC	193	1130-1	TU TH	259	E B
SHET	108	72707	LECT-DISC	601	1230-2	TU TH	105	нн
RHET	108	72715	L ECT-DISC	203	1230-2	TU TH	109	N L
RHFT	108	72723	LECT-DISC	693	1230-2	TU TH	312	N L
RHET	108	72731	LECT-DISC	804	1230-2	TU TH	108	SURV BLDG
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#### COURSES FOR UNDERGRADUATES

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	00043	LECT-DISC	F	2	M I	# F	215	DK	Н
	00051	LECT-DISC	L1	8-930	TU	TH	322	D K	H
	00060	LECT-DISC	L2	8-930	TU	TH	30	COM	₩
	00078	LECT-DISC	M1	933-11	TU	TH	322	D K	H
	00086	LECT-DISC	M2	930-11	TU	TH	30	COM	W
	00094	LECT-DISC	P1	11-1230	TU	TH	322	DK	Н
	00108	LECT-DISC	P2	11-1230	TU	TH	30	COM	W
	00116	LECT-DISC	Q1	1230-2	TU	TH	108	DK	Н
	00124	LECT-DISC	Q2	1230-2	TU	TH	322	DK	H
	00132	LECT-DISC	Q3	1230-2	TU	TH	3 0	COM	₩
	00141	LECT-DISC	S 1	2-330	TU	TH	108	DK	Н
	00159	LECT-DISC	\$2	2-330	TU	TH	322	DK	Н
	00167	LECT-DISC	T	330-5	TU	TH	108	D K	Н

PRINCIPLES OF ACCOUNTING II.
PREREQUISITE: ACCY. 101. ACCY 105

3 HOURS

\*SECTIONS &C1 AND &D1 OPEN TO JAMES SCHOLARS AND OTHER HONOR STUDENTS.

HUNUK STUDENTS.
\*\*SECTION P IS DESIGNED FOR STUDENTS WHO MAY REQUIRE SPECIAL
\*\*ASSISTANCE. IT IS OPEN TO SEDP STUDENTS AND TO JTHERS ON A SPACE
\*\*AVAILABLE BASIS.\*\* ASK YOUR ADVISER TO CHECK WITH THE DEPARTMENT OF
\*\*ACCOUNTANCY FOR AVAILABILITY OF SPACE BEFORE REGISTERING FOR THIS SECTION.

00175	LECT-DISC	A	8	4	W	F	215	D K	Н
00183	LECT-DISC	В	9	M	W	F	215	D K	Н
00426	LECT-DISC	# EC1	10	M	W	F	30	COM	W
00191	LECT-DISC	C 2	10	M	W	F	215	D K	Н
00434	LECT-DISC	#&D1	11	М	W	F	30	COM	W
00205	LECT-DISC	D2	11	M	W	F	215	D K	Н
00213	LECT-DISC	X 1	12	M	W	F	30	COM	W
00221	LECT-DISC	X.2	12	M	W	F	215	D K	Н
00230	LECT-DISC	х3	12	M	W	F	322	DK	Н
00248	LECT-DISC	X4	12	M	H	F	240	COM	W
00256	D21G-T33J	E 1	1	M	W	F	30	COM	wi
00264	LECT-DISC	E2	1	ч	live	F	322	DK	Н
00272	LECT-DISC	F1	2	M	W	F	322	D K	H
00281	LECT-DISC	F2	2	M	W	F	30	COM	W
00299	LECT-DISC	G1	3	M	W	F	322	D K	Н
00302	LECT-DISC	G2	3	M	W	F	215	DK	Н
00311	LECT-DISC	G3	3	М	W	F	24	COM	W
00329	LECT-DISC	G4	3	M	let	F	115	D K	Н
00337	LECT-DISC	LI	8-930	T	U 1	'H	115	D K	Н
00345	LECT-DISC	L2	8-930	T	U 1	H	215	DK	H
00353	LECT-DISC	M	930-11	T	U 1	H	115	D K	H
00442	LECT-DISC	* P	11-1230	T	UT	H	115	DK	Н
00361	LECT-DISC	Ql	1230-2	T	U 1	TH.	115	DK	Н
00370	LECT-DISC	02	1230-2			H	24	DK	Н
00388	ŁECT-DISC	S	2-330			Ή	115	DK	Н
00396	LECT-DISC	T	330-5	T		ΓH	115	D K	H
00400	LECT-DISC	Ul	4-530	T		Н	240	COM	W
00418	LECT-DISC	U2	4-530	T	U 1	ſΗ	152	COM	W

ACCY 108

8 INTERMEDIATE ACCOUNTING.
PREREQUISITE: ONE YEAR OF ACCOUNTANCY, SOPHOMORE STANDING.

3 HOURS 00451 00469 00477

00485 00493

LECT-DISC	L	8-930	TU TH	24	COM	W
LECT-DISC	M	930-11	TU TH	24	COM	W
LECT-DISC	N	10-1130	TU TH	215	DK	Н
LECT-DISC	Q	1230-2	TU TH	240	COM	W
LECT-DISC	T	330-5	TU TH	30	COM	М

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ACCY 166 COST ACCOUNTING.
         PREREQUISITE: ACCY. 105.
           3 HOURS
                     LECT-DISC A
LECT-DISC B
LECT-DISC C
LECT-DISC D
LECT-DISC X
LECT-DISC E
LECT-DISC F
LECT-DISC S
                                                         00507
                                                8
                                                                           24
                                                                                COM W
                                                                           24
         00515
                                               10
                                                9
                                                                                COM W
         00523
                                                                                COM W
         00531
                                                11
                                                                           24
                                                                                COM W
         00540
00558
00566
00574
         00540
                                               12
                                                                           24
                                                                                COM W
                                                                           24
                                                                                COM W
                                                1
                                                                           24
                                                                                COM W
         00574
                                                2-330
                                                                           30 COM W
ACCY 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
         00582 CONF
                               COURSES FOR ADVANCED UNDERGRADUATES
          FUNDAMENTALS OF ACCOUNTING.
ACCY 201
        3 HOURS
ACCY 203 BUSINESS AND ACCOUNTING METHODS.
NOT OPEN TO COMMERCE STUDENTS.
PREREQUISITE: JUNIOR STANDING.
           2 HOURS
         *SECTION A OPEN TO VETERINARY MEDICINE STUDENTS ONLY.
00710 LECT-DISC *A 8 M F 253 V M
00701 LECT-DISC E 1 M F 152 COM W
         OG COST ACCOUNTING FOR ENGINEERS.
NOT OPEN TO STUDENTS WHO HAVE RECFIVED CREDIT IN ACCY. 101 OR
ACCY 206
           ACCY. 201.
           PREREQUISITE: JUNIOR STANDING IN ENGINEERING.
           3 HOURS
         00728
                     LECT-DISC D 11
                                                          M W F 319 M E L
               CURRENT ACCOUNTING TOPICS.
        PREREQUISITE: ACCY. 308.
2 HOURS
        00736 LECT-DISC S
                                               2-4
                                                           TU
                                                                         24 COM W
ACCY 274 BASIC FEDERAL INCUME
PREREQUISITE: ACCY. 105.
             BASIC FEDERAL INCOME TAX ACCOUNTING.
        3 HOURS
00744 LECT C 10
00752 LECT D 11
00761 LECT-DISC Q 12
00779 LECT-DISC R 1
00787 LECT-DISC R 1
00787 LECT-DISC S 2
00795 LECT-DISC T 3
           3 HOURS
                                                                         240 COM W
                                                                         240
                                                                                COM W
                                                          TU TH
TU TH
TU TH
                                                                         215
                                                                                DKH
                                                                         215
                                                                                DKH
                                                                        215
                                                                               DKH
                                                            TU TH
                                                                         215
ACCY 295 SENIOR RESEARCH.

PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING.

2 TO 4 HOURS
        2 TO 4 HOURS
00809 CONF
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ACCY 308 ADVANCED ACCOUNTING.
           PREREQUISITE: ACCY. 166 AND 108, AVERAGE OF "C" OR BETTER IN PRECEDING COURSES IN ACCOUNTANCY.
              3 HOURS OR 3/4 UNIT
           00817 LECT-DISC C 10
00825 LECT-DISC D 11
00833 LECT-DISC E 1
00841 LECT-DISC F 2
                                                                      M W F M W F M W F
                                                                                        115 DKH
                                                                                        115
                                                                                               DKH
                                                                                       115 DKH
                                                                                        115
ACCY 325
                    ACCOUNTING SYSTEM DESIGN.
           PREREQUISITE: C. S. 105, OR ITS EQUIVALENT, AND ACCY. 166.
              3 HOURS OR 3/4 UNIT
                                                        В
          3 HOURS OR 374 ONTI

00850 LECT-DISC A

00868 LECT-DISC B

00876 LECT-DISC C

00884 LECT-DISC D
                                                                     4 W F
M W F
M W F
                                                                                        152
                                                                                               COM W
                                                        9
                                                                                       152
                                                                                              COM W
                                                                                        152
                                                        10
                                                                                              COM W
                                                       11
                                                                                        152
                                                                                               COM W
                  GOVERNMENTAL ACCOUNTING.
ACCY 341
          PREREQUISITE: ACCY, 108.

2 HOURS OR 1/2 UNIT

00992 LECT-DISC P 11 TO TH 24 COM W
             2 BUSINESS BUDGETS AND ACCOUNTING CONTROL.
PREREQUISITE: NINE HOURS OF ACCOUNTANCY, INCLUDING ACCY. 166.
3 HOURS OR 3/4 UNIT
ACCY 362
                                                     930-11
                                                                       TU TH
           00906 LECT-DISC M
                                                                                         8 CDM W
          PREREQUISITE: ACCY. 308.
ACCY 371
          3 HOURS OR 3/4 UNIT
00914 LECT-DISC A 8-930 M W
00922 LECT-DISC B 930-11 M W
00931 LECT-DISC L 8-930 TU TH
00949 LECT-DISC N 10-1130 TU TH
             3 HOURS OR 3/4 UNIT
                                                                                       322 D K H
                                                                                      322 D K H
                                                                                       240
                                                                                              COM W
                                                                                       240 COM W
                   AUDITING PROBLEMS AND CASES.
ACCY 372
          PREREQUISITE: ACCY. 371.

3 HUURS OR 3/4 UNIT
00957 LECT-DISC L 8-930 TU TH 152 COM W
00965 LECT-DISC N 10-1130 TU TH 152 COM W
           74 ADVANCED INCOME TAX PROBLEMS.
PREREQUISITE: SENIOR STANDING, ACCY. 274 AND 308.
          3 HOURS OR 3/4 UNIT
00973 LECT-DISC A 8
00981 LECT-DISC B 9
                                                                    M W F
                                                                                   30 COM W
ACCY 377 ADVANCED PROBLEMS.
          PREREQUISITE: SENIOR STANDING, CREDIT OR REGISTRATION IN ACCY. 371.

3 HOURS OR 1 UNIT

CO990 LECT-DISC A 8 M F 236 COM W

01006 LECT-DISC B 9 M W F 236 COM W
                                                              M W F 236 CDM W
M W F 236 CDM W
          378 ADVANCED THEORY AND PRACTICE.

PREREQUISITE: ACCY. 377.

3 HOURS OR 1 UNIT

01014 LECT-DISC A 8-10 M W 240 COM W
01022 LECT-DISC F 2-4 M W 240 COM W
01031 LECT-DISC S 2-4 TU TH 240 COM W
ACCY 378
                                                  COURSES FOR GRADUATES
ACCY 461 ADMINISTRATIVE ACCOUNTING.
1 UNIT 01049 LECT-DISC 1-3
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13

1-3

М

6 COM W

ACCY	PREREJUI STUDENT! FQUIVALE OF COMME! I UNIT	AGEMENT ACCOUNTING. SITE: AN UNDERGRADUA S BACKGRUUND IN STAT NT TO THE UNDERGRADU RCE AND BUSINESS ADM LECT-DISC	ISTICS A	HTAM CA TABMBPI AI AOI	S OF THESE	CS SE THE U	OULD DF AS.	BE I COLLEGE
ACCY	1 BNIT	ITING STANDARDS AND						
	01765	LFCT-DISC	1-3		F	240	СПМ	W
ACCY	481 CUNIT	CEPTS AND PRINCIPLES						
	01073	LECT-DISC	3-5	М		8	COM	W
ACCY		OME DETERMINATION.						
	1 UNIT 61 281	LECT-DISC	3-5	M		152	COM	М
ACCY		TORY OF ACCOUNTING T	HEORY.					
	1 UNIT	L ECT-DISC	1 - 3	W		94	COM	W
ACCY	493 SPEI	CIAL RESEARCH PRUBLE	MS.					
		UNITS LFCT-DISC F LECT-DISC G CONF AR		W	F	8 1 5 2	COM	W W
ACCV	(O) THE	SIS RESEARCH.						
4007	10 4 U	NITS	4-6	lw		240	COM	М
ACCY	PREREQUI:	DUNTING ANALYSIS, II SITE: ACCY. 501 DR E	QUIVALEN	Τ.				
	3/4 UNIT 01146	LFCT-DISC	3-5	м ж		30	COM	н
ACCY	PREREQUI	ATION AND AUDITING. SITE: ACCY. 501 AND		EQUIVAL	ENT.			
	1 UNIT 01154	L FCT-DISC	1-3	TU TH		317A	D K	Н
ACCY	PREREQUI	FESSIONAL PROBLEMS. SITE: CANDIDACY FOR	M.A.S. D	FGREE.				
	1 UNIT	LECT-DISC				8	COM	ы
ACCY		HIDS AND PRACTICES I				RCH.		
	1 UNIT	L FCT-DISC	1-3	ТН		152	COM	м

## ADVERTISING

DEPARTMENT OFFICE

103 G H

## COURSES FOR ADVANCED UNDERGRADUATES

ADV			ADVERTISING.			
	3 HOURS			=		
	01189		A 8 B 9	M W F M W F	18 G H 225 G H	
	01201	LECT-DISC	C 10	M W F	111 G H	
	01219		E 1	M W E	43 G H	
	01227 01235		F 2 G 3	M W F M W F	43 G H 43 G H	
	01243		L 830-10	้าบ าห	215 G H	
	01251	LECT-DISC	N 10-11	30 TU TH	215 G H	
	01260	LEC T-DISC	R 1-23	O TU TH	43 G H	
ADV		LES WRITING.	7.1			
		ME AS RHET. 2	102 OR EQUIVA	1 ENT.		
	2 HOURS					
	01278		C 10	M W	326 D K H	
	01286 01294		M 9 N 13	TU TH TU TH	326 D K H 184 L H	
	01308		P 11	TU TH	326 D K H	
	01316	LECT-DISC	P2 11	TU TH	312 DKH	
ADV		ECIAL PROBLEM				
	PREREQU 2 OR 3		T OF HEAD OF	DEPARIMENT.		
	01324	CONF	ARR			STAFF
		COURSES	FOR ADVANCED	UNDERGRADUATES	AND GRADUATES	
ADV	309 PU	BLIC RELATION	S .			
				THE COLLEGE OF	COMMUNICATIONS AN	D
		OF DEPARTMEN OR 1/2 UNIT	Τ.			
	01332	LECT-DISC	1	M W F	113 G H	JUGENHEIME
ADV	381 AD	VERTISING RES	EARCH METHODS			
	PREREQU	ISITE: ADV. 2	81, A BASIC C	DURSE IN STATE	STICAL METHODS,	
		SENT OF DEPAR	TMENT.			
			D D1 ARE FOR	ADVERTISING MA	JORS ONLY. ALL OTH	FR
	STUDENT		IN SECTIONS		ON S ONE IT ALL OTT	
	01341	LECT-DISC *	A1 8	M W F	215 G H	STEILEN
	01375 01359	LECT-DISC *	A2 8 C1 10	M W F	215 G H 215 G H	STELLEN
	01383	LECT-DISC *	C2 10	M W F	215 G H	STETLEN
	01367	LECT-DISC * LECT-DISC *	D1 11	M W F	215 G H	YANG
	01391	LECT-DISC *	D2 11	M W F	215 G H	
ADV			ATIVE STRATEG	Y. T UF THE DEPAR	TMCAIT	
		OR 1/2 UNIT	OI AND CONSEN	I OF THE DEPAR	1 70 141 6	
	01405	LECT	C 10	M W	223 G H	WHITE
	01413		C 1-3 C1 10	M W	18 G H 223 G H	
	01413		C1 3-5	้าบ"	18 G H	
	01421	LECT	C2 10	M W	223 G H	
	01430		C2 3-5 C3 10	M M W	18 G H 223 G H	
	01430		03 9-11		18 G H	
	01448	LECT	M 10	TU TH	43 G H	KITSON
	01456		M 1-3 M1 10	TU TU TH	18 G H 43 G H	
	01470		M1 1-3	W	18 G H	
ADV			IA POLICY AND			
		ISITE: ADV. 2 OR 1/2 UNIT	BI AND CONSEN	I OF THE DEPAR	TMENT.	
	01464		В 9	M W E	43 G H	BARBAN
	01472	LECT-DISC	D 11	M W F	43 G H	BARBAN

ΛDV	384 ADVERTISING CAMPAIGN PREKEQUISITE: ADV. 382. A 3 HOURS OR 1/2 UNIT	S. ND 383 AND CO	NSENT OF DE	EPAR TMENT.	
	*SECTIONS AT AND DE ARE F STUDENTS MUST ENROLL IN S	ECTIONS AZ AN	D D2.	NLY. ALL OTHER	
	014H1 LECT-DISC *A1 01502 LECT-DISC *A2	8 M	W F	43 G H 43 G H	KITSON
	01499 LECT-DISC *D1 01511 LECT-DISC *D2	11 M	W F	113 G H 113 G H	KITSON
	THE LECT-DISC +DZ	11 "	" '	113 G M	
VGA	387 ADVERTISING AND PROM	OTION MANAGEM	ENT.		
	PPEREQUISITE: ADV. 281 AN 3 HOURS OR 1/2 UNIT	D C INZEAL OF	THE DEPARTS		
	3 HOURS OR 1/2 UNIT 01529 LECT-DISC A 01537 LECT-DISC C	8 M 10 M	W F ]	113 G H 43 G H	WEDDING WEDDING
ΛŪV	388 ADVERTISING IN CONTE PREREQUISITE: ADV. 281, S *GRADUATE STUDENTS MAY NO AND 481.	ENIOR STANDIN	G. AND CONS	SENT OF DEPARTMENT TH ADV. 388	•
	#2 HOURS OR 1/2 UNIT 01545 LECT-DISC L	Q	TU TH	123 C H	JUGENHEIMER
	(1553 LECT-015C M	9	TU TH I	123 G H 123 G H 18 G H	JUGENHEIMER
	01561 LECT-DISC P	11	TU TH	18 G H	UNWIN
ADV	389 INTERNATIONAL ADVERT PREREQUISITE: 40V. 281, S 3 HOURS OR 1/2 UNIT	CALLO A CT ABOVE TAL	MOTION. G, AND CONS	SENT OF DEPARTMENT	
	01570 LECT-DISC	9 M	W F 1	113 G H	DUNN
VCA	390 ADVANCED CREATIVE ST PREREQUISITE: ADV. 382 AN 2 HOURS OR 1/2 UNIT	RATEGY. D CONSENT OF	DEPARTMENT.		
	01588 LECT-DISC	9-11	TU TH	18 G H	WHITE
	С	OURSES FOR GR	ADUATES		
ADV	481 ADVANCED ADVERTISING SAME AS COMM. 481. *GRADUATE STUDENTS MAY NO AND 491.		DIT FOR BOT	TH ADV. 388	
	*1 UNIT 01596 LECT-DISC	3-5	W 1	123 G H	WEDDING
Anv	482 RESEARCH METHODS IN	ADVEDTISING A	NO COMMUNIC	ATIONS	
100	SAME AS COMM. 482.  PREREQUISITE: A BASIC COU				
	1 UNIT 01600 LECT-DISC			123 G H	YANG
	01000 [[[-0130	1-3		123 6 11	TANG
VDV	484 ADVERTISING AND CONS	UMER BEHAVIOR	•		
	1 UNIT 01618 LECT-DISC	3-5 M		18 G H	BARBAN
Anv	485 ADVERTISING PLANNING 1 UNIT	AND DECISION	MAKING.		
	01626 LECT-DISC	3-5	TH	18 G H	STELLEN
ΛOV	490 SPECIAL TOPICS IN AD PREREQUISITE: CONSENT OF		TMENT.		
	1/2 UR 1 UNIT 01634 LECT-DISC R C1642 CONF S	1-3 ARR	TH	18 G H	STAFF
ADV	499 THESIS RESEARCH. PREREQUISITE: GRADUATE ST 1 UR 2 UNITS	ANDING IN ADV	ERTISING.		
	01651 CONF	ARR			STAFF

#### AFRONAUTICAL AND ASTRONAUTICAL ENGINEERING

DEPARTMENT OFFICE 101 T B

## COURSES FOR UNDERGRADUATES

A A F 199 UNDERGRADUATE OPEN SEMINAR.
\*\*MAY RE KEPEATED.
\*\*O 10 9 HOURS
C1669 CONF A ARR

## COURSES FOR ADVANCED UNDERGRADUATES

Δ	Δ	Ε	212 AER	. ZOIMANYCU				
			PREREQUI	SITE: M. E.		A. M. 15	6, CREDIT O	R REGISTRATION
			IN MATH. 4 HOURS	343.				
			01677	LECT-DISC	Α	1	MTUW F	214 CER
			01685	LECT-DISC LECT-DISC	В	9	MTUW F MTUW F	203 T B
Δ	Λ	F	213 AFR	ODYNAMICS.	H.			
			PREREQUI	SITE: A. A.				
			4 HOURS	LECT-DISC				
			01693	LFCT-DISC	В	2	MTUW F	214 CER 203 T B
				21010100				200
	Α.	_	224 FLI	CHT STOLLCTUS	cc I			
Н	Д	E		SITE: T. A.		.HIAM GA	345.	
			4 HIURS					
			01715	LECT-DISC LECT-DISC	A	)	MTUW F	103 T B
			01777	F EC 1-1713C	D	1	MIOW F	103 1 5
Д	Λ	ŀ	225 FLI	SITE: A. A.				
			A HOURS					
			01731	L FCT-DISC	Α	9	MTUW F	204 T B
			01740	LFCT-DISC LECT-DISC LFCT-DISC	6	I A	MIUW F	204   B
			01750	ete. orse	C	0		200
		-	233 AIR		61.04			
А	А	,		SITE: A. A.				
			3 HOURS					
			01766	LECT-DISC	A	8	M W F	103 T B
			01782	LECT-DISC LECT-DISC	C	3	M W F M W F M W F	103 T B
Δ	٨	F	241 FLI	CHI VEHICLE	DESTON			
				SITE: A. A.			, 255, C. S	. 101.
			3 HOURS					
			01791	LFC T-DISC	A	3~5	M W	204 T B
			C1 304	LECT-DISC	В	3-5	TU TH	103 T B
					R	8-10	S	103 T B
Д	Δ	E	254 AEF					
			PREREQUI 3 HOURS	SITE: MATH.	345 UR 3	149.		
				LECT-DISC	Α	10	M W F	203 T B
			01821	LECT-DISC	В	2	M W F	103 T B
Д	Α	E	255 AER	SPACE DYNAM	IC SYSTE	MS, II.		
				SITF: A. A.	E. 254.			
			4 HOURS 01939	LECT-DISC	Α	10	MTUW F	1C3 T B
			01 84 7	LECT-DISC	В	1	MTUW F	202 T B
			01855	LECT-DISC	C	2	MTUW E	204 T B

A A S	260 AEF	OCCUPACE I ASO	VATORV	7				
AAE	PRERECULI	ISITE: A. A.	F. 213	. 225. 23	3 AND 255.			
	2 HOURS							
	01 86 3	LECT-DISC	Ll	2	TU	103	T B	
	01871	LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB LECT-DISC LAB	12	3-5 2	TU	103	AERU LAB B	
		LAB	15	3-5	TU	111	AERO LAB B	
	01880	LECT-DISC	L3	2	TU	103	T B	
	01898	LECT-DISC	14	3~5	TH	103	T A	
		LAB	L4	3-5	М	111	AERU LAB B	
	01901	LECT-DISC	L5	1	TH	103	T B	
	01910	LECT-DISC	16	3-5	TH	133	T B	
		LAB	L6	3 -5	TH	111	AERO LAB B	
	01928	LECT-DISC	L 7	2	TH	103	T B	
	01936	LECT-DISC	L B	2	TH	103	T B	
		LAB	L 8	3-5	TU	111	AERO LAB B	
	01944	LECT-DISC	L9	2	TH	103	T B	
		LAD	1.9	5= 5	111	111	ACRU LAD B	
AAF	263 AER	ISTTE: 4. A.	RATORY.	11.				
	2 HOURS	13111. 4. 4.	L. 200	•				
	01952	LAB	Α	ARR		111	AERO LAB B	
A A E	292 SEM							
	PREREQU I	SITE: SENIO	R STAND	ING.				
	1 HOUR 01961	2150	Δ	3	TII	103	T B	
	01979	DISC	В	10	TU	203	ТВ	
	01987	D1 SC	C	3	TH	103	T 8	
	01995	DISC	0	9	TH	1 0 3	T B	
	02001	DISC DISC DISC DISC DISC	F	11	TH	203	T B	
	02 10	0.50		* *	***	205	. 5	
	204 1101	1005 000 155 1						
AAE	PREREQUI	SITE: JAMES	SCHOLAR	N FNGIN	EERING: CO	NSENT I	OF INSTRUCTOR.	
	1 TO 4 H	In.JPS						
	02728	CONF	1 A.3	168				
A A E	297 HON	ORS SEMINAR						
	PREREQUI 1 TO 4 H		SCHOLAR	IN ENGIN	EERING; CO	NSENT	OF INSTRUCTOR.	
	02036		EA A	1kR				
		CUITERE	EUB VU	ANCED UNI	ERGRADUATE	S AND	CRADUATES	
		COURSES	FOR 401	TANCED UNL	TE NORADOAT E	3 440	OK ADUATES	
AAE	313 AER					ONSENT	OF INSTRUCTOR.	
	3 HOURS,	OR 3/4 DR	UNIT	0.1 240.11		5.432.44		
	02 04 4	LECT-DISC	Α	8	M W F	202	T 8	
AAE	314 AER	ODYNAMIC HE	AT TRANS	FER.				
	PREREQUI	SITE: A. A.	E. 213.					
		OR 3/4 OR LECT-DISC			M W F	1538	MFB	VAN TASSELL
	00000	220, 0130			,	.,,,	., .	***************************************
A A -	327 THE	RMAL STRESS	C 4410 C	DCCD OUC	LINC			
AAE		SITE: A. A.				UC TOR.		
	3 HOURS	OR I UNIT						
	02061	LECT-DISC		9-1015	TU TH	214	CER	ZAK
A A E	333 ELE	CTRIC PROPU	LSION.					
	3 HOURS	DR 1 UNIT LECT-DISC	Δ	1)	M W E	204	T B	BOND
	02.019	C.C.1-013C	-	1 7		207		5545

J	4	Α	F		FCIAL PROBLEMISITE: SENIOR		DING IN ENG	INEERING, CO	NSEN.	T OF	
				02 08 7	HOURS, OR 1/3 LECT-DISC LAB LECT-DISC	W	ARR	M W F	201	T B	SENTMAN
				02117 02125 02133	LAB LECT-DISC LECT-DISC LECT-DISC	D E F	1030-12 9 8	TU TH M W F TU	214 201 204	CER T B T B	PRUSSING SIVIER STREHLOW
							URSES FOR		204	1 0	
Д		Δ	E	415 WIT	NG THEORY. ISITE: MATH 3	346 OR	EQUI VALENT				
				1 UNIT	LECT-DISC				214	CER	ORMSBEE
Δ		Д	E		PERSONIC AERO ISITE: A. A.						
				02150				M W	204	T B	ORMSBEE
Δ		Д	Ε	PREREQUI 1 UNIT	EORY OF RAREFISITE: PHYCS.		IR A. A. E.	417. M W F	202	T D	YEN
Δ		Δ	E	429 THE	EORY OF LINEA		NONLINEAR	VISCOEL ASTIC	ITY.		104
				1 UNIT	LECT-DISC					т в	HILTON
Δ	. ,	Δ	Ε	PREREQUI	RODYNAMIC HEA		OR EQUIVA	LENT.			
				1 UNIT 02184	LECT-DISC	A	11	M W F	214	CER	YEN
Α	1	Δ	E	SAM PRE RE QUI	OCHASTIC PROC 4E AS T. A. M ISITE: A. A.	. 418.			417,	OR EQUIVALENT.	
				1 UNIT 02192	LECT-DISC	Δ	10-1130	TU TH	204	T B	LIN
Δ		Δ	Е		ISITE: GRADUA UTICAL ENGINE			ERONAUTICAL	AND		
				02206	CONF		ARR				
Α	. ,	4	E	1 OR 2 L 02214		A A	ARR				STAFF

A A E 499 THESIS RESEARCH.

0 TO 4 UNITS
02222 CONF A ARR

STAFF

DEPARTMENT OFFICE

305 M H

#### COURSES FOR UNDERGRADUATES

40 50	100 111	TRODUCTORY	ACD   CI	TURAL FOO	NOME	·e					
AG EC	3 HDURS		AGKICU	LIUKAL ECU	NUMIC	.5 •					
	02231	LECT-DISC		9		W		320	м н		
	02249	LECT-DISC		9			F				
	02257	LECT-DISC	С	10	М	W	F	320	мн		
AC EC	100 .101	DER GRADUATE	C-D61	CENTNAD							
A19 EC		REPEATED.	OF LIV	SE TIME							
	#1 TO 9	HOURS									•
		N A: AGRICU									
	2 H JURS	N 5: AGRICU	LIUFAL	BO21ME22	ACCUU	MII	NG A	IND BRG	ANIZATIUN.		
		N 4: PUBLIC	ACMIN	ISTRATION	IN AG	RIC	ULTU	IRE. 2	HOURS.		
		CONF									SMITH
	02273	CONF	* S	2	T	UŦ	Н	N107	ТН		MUELLER AND KRAUSZ
	02281	CONF	#M	9	Ţ	U T	Н	320	м н		KRAUSZ, SPITZE
											AND OTHERS
			1000	500 ABW#**5	50 1.11	0.50	CD 4.0	ULA T.C.C			
		CO	URSES	FOR ADVANC	ED UN	DER	GRAD	UATES			
AC EC	200 00	OBLEMS IN A	CP TOTH	THRAI ECON	OMIC S						
43 · C		ISITE: NOT					ATIO	N: WRI	TTEN CONSE	IT OF	
	INSTRUC	TOR AND AUT	HORIZE	DEPARTME	NTAL	APP	ROVA				
		O ADVANCE E	NROLLM	ENT AND RE	GISTR	ATI	ON.				
	1 10 5	Y 3E TAKEN	IN THE	SOLLO STNC	CHIR	ECT	С .				
		N A: AGRICU									
	*SECTIO	N 3: STATIS	TICAL	ANALYSIS.							
		N C: FARM M			ND EC	ONO	MICS				
		N D: FURAL E: AGRICUL									
		F: AGRICUL			ECON	OMI	C DE	VELOPM	ENT.		
		G: AGRICUL									
		GRADE POIN									
		HER COURSES								IUN	
	INSTRUC		1 1 111			000	201				
	02303		<b>≠</b> ∆	APR							STAFF
	02311	CONF	*B	ARR							STAFF
	02320		# D	ARR							STAFF
	02200	CONF	F	ARR							STAFF
	02354	CONF	E	ARR							STAFF
	02362	CONF	G								STAFF
	02346	CONF	* & B	ARR							STAFF
AG EC	203 EA	RM TAXATION									
	2 HOURS										
	02371	LFCT-DISC		9			H		BEV HALL		BOCK
	02389	LECT-DISC	Р	11	Ŧ	UT	Н	313	мн		KRAUSZ
AG EC	220 FA	PM MANAGEME	VT.								
	DBESE 313	ISITE: AG.	EC. 10'								
	FIELD T	RIPS, ESTIM	ATED E	XPENSE, \$3							
		LECT-DISC	Α	а	м	wi	F	3165	мн		
	02401	LECT-DISC		9	4	W	F	3165	MH		
	32419	LECT-DISC		10	М			3165			
	^2427	FECT-DISC	D	11	М	W	F	320	мн		

L EUTHOLD L EUTHOLD

AG FC 230 MARKETING OF AGRICULTURAL PRODUCTS.
FIEL) THIP, ESTIMATED EXPENSE, \$3.
3 HOURS
02445 LECT-DISC F 2 M W F 313 M H
02443 LECT-DISC G 3 M W F 313 M H

38 DISTRIBUTION OF FARM SUPPLIES.
PREAEQUISITE: ACCY. 101 OR 201 AND ECON. 102 OR 108. AC EC 238 3 HOURS 02451 LECT-DISC N 10-12 TU MUTTI 320 M H 10 N AG EC 273 RECREATION IN RURAL AREAS. SAME AS REC. 273. PREREQUISITE: REC. 100 OR SOC. 100 OR R. SOC. 117. FIELD TRIPS, ESTIMATED EXPENSE, \$15.00. 2 HOURS TU TH 02460 LECT-DISC L 316N M H COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES AG EC 302 FINANCING AGRICULTURE. PREFEQUISITE: ECON. 102 AND 103, UR 108.
3 HOURS, OR 3/4 OR 1 UNIT
02478 LECT-DISC C 10 M W M W F N107 TH AG EC 303 AGRICULTURAL LAW. PREMEQUISITE: SENIOR STANDING OR CUNSENT OF INSTRUCTOR.

3 HOURS, DR 3/4 OR 1 UNIT
02486 LECT-DISC D 11 M W F WIL5 T H
02494 LECT-DISC E 1 M W F 316N M H W115 T H 316N M H HANNAH KRAUS7 AG EC 305 AGRICULTURAL POLICIES AND PROGRAMS. PREREQUISITE: ECON. 108. FIELD TRIP, COST, \$10.00.
3 HOURS, OR 3/4 OR 1 UNIT 11 TU 316S M H 10-12 TH 316S M H 02508 SPITZE AG EC 312 FARM APPRAISALS. SAME AS AGRON. 312.

PREREQUISITE: AGRON. 101, AG. EC. 220 DR THEIR EQUIVALENT.

FIELD TRIPS, ESTIMATED EXPENSE, \$10.00.

5 HOURS, OR 3/4 OR 1 UNIT

02516 LECT-DISC B 9 M N F 313 M H 9 M W F 8-12 S F 313 M H S 313 M H REISS R AG EC 324 FARM OPERATION.

PREREQUISITE: AG. EC. 220.

FIELD TRIPS, FSITMATED EXPENSE, \$5.

3 HOURS, OR 3/4 OR 1 UNIT

02524 LECT-DISC C 10

02532 LECT-DISC D 11 M W F 313 M H VAN ARSDALL M W F 316S M H HINTON AG EC 326 PROFESSIONAL FARM MANAGEMENT. PROFESSIONAL TARM MANAGENERN.

PREREQUISITE: CREDIT OR REGISTRATION IN AG. EC. 324, AG. EC. 325.

FIELD TRIPS, ESTIMATED EXPENSE, \$25.CO.

3 HOURS, OR 3/4 OR 1 UNIT

2541 LECT-DISC A 8 M W F 320 M H 02541 HOL COMB AG EC 332 LIVESTOCK MARKETING. SAME AS AN. S. 332.
PREREQUISITE: ECON. 108, AG. EC. 230 OR AN ELEMENTARY MARKETING COURSE. FIELD TRIP, ESTIMATED EXPENSE, \$15.00. 3 HOURS, OR 3/4 OR 1 UNIT 02559 BROADBENT W109 T H LECT F G DISC 320 M H 320 M H BROADBENT 02575 DISC BROADBENT

AG EC 335 ECONOMICS OF FOOD DISTRIBUTION.

SAME AS HORT. 335.

PREREQUISITE: ECON. 108, AG. EC. 230 OR AN ELEMENTARY MARKETING COURSE.

3 HOURS, OR 3/4 OR 1 UNIT
02583 LECT-DISC D 11 M W F 313 M H

KELLY

ECONUMIC HISTORY OF AMERICAN AGRICULTURE. SAME AS ECON. AND HIST. 337.
PREREQUISITE: A COLLEGE-LEVEL COURSE IN BASIC ECONOMICS OR AMERICAN HISTORY. \*GRADUATE STUDENTS TAKING THIS COURSE FOR ONE UNIT CREDIT ARE \*GRADUATE STUDENTS TAKING THIS COURSE FOR ONE UNIT CREDIT ARE
REQUISED TO DO EXTRA MORK.
\*3 HOURS, OR 3/4 OR 1 UNIT
ALL STUDENTS WILL ENROLL IN THE LECTURE, AGRICULTURAL ECONOMICS
STUDENTS SHOULD ENROLL IN DISC. L WHILE ECONOMICS AND HISTORY
STUDENTS SHOULD ENROLL IN DISC. M. TU 313 M H TH 313 M H TH 313 M H 02591 LECT 02605 DISC 8-10 GUI THER 8 GUITHER 02613 DISC 9 GUITHER AG EC 342 02621 AG EC 353 ECONOMIC DEVELOPMENT IN INDIA AND SOUTHEAST ASIA. SAME AS ECON. 353.

PREREQUISITE: ECON. 103, 108, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 02630 LECT-DISC A 8 M W F 122 D K H HERDT AG EC 354 ECONOMIC DEVELOPMENT OF TROPICAL AFRICA. SAME AS ECON. 354 PREREQUISITE: ECON. 103 OR 108, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 648 LECT-DISC M 9-11 TU 332 ARMORY DUE TH 332 ARMORY 02648 Q COURSES FOR GRADUATES AG EC 401 INTERNATIONAL COMPARATIVE AGRICULTURES

1 UNIT
02656 LECT-DISC F 2 M F 3165 M H DOVRING ECONOMICS OF AGRICULTURAL PRODUCTION. PREREQUISITE: ECON. 200 OR 300, AND AG. EC. 341 DR CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC L 830-10 TU TH 316S M H 02664 SWANSON AG EC 436 PR 1 UNIT PROBLEMS IN MARKETING AGRICULTURAL PRODUCTS. 02672 LECT-DISC R 130-3 TU TH 313 M H BRINEGAR AND HILL AG EC 491 SEMINAR AND SPECIAL TOPICS. ALL GRADUATE STUDENTS MAJORING IN AGRICULTURAL ECONOMICS MUST REGISTER IN THE NON-CREDIT SECTION OF THIS COURSE. O TO 2 UNITS \*SECTION A IS FOR STUDENTS NOT ENROLLED FOR CREDIT. \*SECTION B IS FOR STUDENTS RECEIVING INDIVIDUAL INSTRUCTION.
\*SECTION C IS FOR STUDENTS RECEIVING GROUP INSTRUCTION. 02681 LECT-DISC \*A ARR 02699 CONF \*B ARR STAFF STAFF LECT-DISC \*C 02702 ARR STAFF AG EC 499 THE SIS RESEARCH. 0 TO 4 UNITS 02711 CONF ARP STAFF

#### AGRICULTURAL ENGINEERING INCLUDING AGRICULTURAL MECHANIZATION

245 AGR ENG

DEPARTMENT OFFICE

#### COURSES FOR UNDERGRADUATES

AG	E	127	ENGI	NEERI	NG IN	AGF	RICUL	TURE,	II.
		PRE	REQUITS	ITF:	AG.	F . 1	126.		

3 HOURS

02729 LECT-DISC

240 AGR ENG HINT LAB 02737 3-5 TU 132 AGR ENG 209 AGR ENG HUNT 02 745 LAB 3-5 TH HUN T

9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*O TO 9 HOURS AG E 199

02753 CONF

STAFF

BUTLER

BUTLER

### COURSES FOR ADVANCED UNDERGRADUATES

AG F 236 MACHINE CHARACTERISTICS AND MECHANISMS.

PREREQUISITE: MATH. 345, T. A. M. 211, AND CREDIT OR REGISTRATION

IN C. S. 101. 3 HOURS

02761 LECT Δ 9 TU TH 240 AGR FNG HOAG 10-12 02770 LAB TU 132 AGR ENG HOAG TH 132 F 132 10-12 02788 LAB AGR ENG HOAG 02796 LAB 3 10-12 AGR ENG HOAG

AG E 296

HONDRS PROJECT.

PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.

1 TO 4 HOURS

02300 CONF A.3 ARR LANHAM & STAFF

AG E UNDERGRADUATE SEMINAR.

PREREQUISITE: JUNIOR STANDING IN ENGINEERING.
3 DAY FIELD TRIP REQUIRED.
1 HOUR

02818 TH 240 AGR ENG 1 ANHAM DISC

AG F 299

9 UNDERGRADUATE THESIS.
PREREQUISITE: AG. E. 298 AND SENIOR STANDING IN ENGINEERING.

2 TO 4 HOURS &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT OF 4-250.

02826 Α

CONF ARR LANHAM & STAFF 02834 ٤B LANHAM & STAFF ARR

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG E 311 INSTRUMENTATION AND MEASUREMENTS.

SAME AS M. E. 311.

PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE.

3 OR 4 HOURS, OR 3/4 OR 1 UNIT 842 LECT 8

02842 M W E 135 M E B

AG E DESIGN OF AGRICULTURAL MACHINERY.

PREREQUISITE: AG. E. 236, AND CREDIT OF REGISTRATION IN M. E. 224.
3 HOURS OR 3/4 UNIT

02851 LECT-DISC 240 AGR ENG 209 AGR ENG 3-5 М

AG E 340 INTRODUCTION TO APPLIED STATISTICS.

SAME AS AGRON., AN. S., D. S., F. S., FOR., HORT., AND

V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.

4 HUUKS	UK 3/4 UNI						
02869	LECT		9	TU TH	W109	T H	SEIF
02877	LAB-DISC	1	1-3	TU	W223	T H	SEIF
02885	LAB-DISC	2	3-5	TU	W223	T H	SEIF
02893	LAB-DISC	3	1-3	W	W121	T H	SEIF
02907	LAB-DISC	4	3 - 5	LJ	W222	T H	2112

AG E	348 A1	R POLLUTION	SEMINA , G. E.	R., GFOG., M	1. E., U. P	AND	V. M. S. 348	3.
	PRESEQU	ITSITE: SENI	OR OR G	RADUATE ST	AND ING.			
	2 HOURS 02915	LECT-DISC	T	3-5	ы	218	мев	PEARSON
AG F	355 S^	IL CONSERVA	TION ST	RUCTURES.				
		ISITE: T. A		5, AG. E.	277, OR EQ	UIVALEN	Τ.	
		LECT		?	M F	218	AGR ENG AGR ENG	LEMBKE
		LAB		2-5	W	1 3 2	AGR ENG	
AG E	PREREQU	FICULTURAL DISTTE: SENI	PROCESS OF STAN	ENGINEERS	ING.	OR CONS	ENT OF	
	INSTRUC	TOR. 3/4 UNI	T					
	62931	LECT	'	1	₩ F	221	AGR ENG	SHOVE
		LAB		3-5	TU	221	AGR ENG	
AG F	396 SP	PECTAL PROBL	EMS.					
		HOUPS, OR I			IGINEER ING.			
		CONF						LANHAM & STAFF
			C	CURSES FO	R GRADUATES	,		
43 E	PPEREQ.	NAMICS OF F				NT.		
	1 UNIT	LECT-DISC		9	4 W F	132	AGR ENG	YOERGER
43 €	SA	STON AND AN	. , Ah.				Τ.,	
		10 V. M. S.		00 5 2011 1/4	C L T			
	2.44 11813	JISITE: AGRU						
	62966	LECT		9	м ы_	W109	T H	WALKER
	02974 02982	LAB-DISC LAB-DISC	2	1-3 3-5	TH	W223	T H T H T H	
415 E	490 SE							
	^2991			2	ТН	240	AGR ENG	GRADUATE STAFF
AG E	496 PF	ROBLEMS IN A	GR ICULT	TURAL ENGI	NEERING.			
	bsede 31	JISITE: CONS	FNT OF	HEAD OF D	EPARTMENT.			
	1 0117	CONF		ARR				LANHAM AND
								GRADUATE STAFF
1G e	499 T	HESIS RESEAR	CH.					
	7 TO 4	UNITS	A	ΔRR				STAFF
	03015	CONF CONF	J	ARR				JONES
	03031	CONF	S	ARR				SYCHS
	03040	CONF	W	ARR				WEBER YOERGER
	03058	CUNF	Y	ARR				TUENGER

# AGRICULTURAL MECHANIZATION DEPARTMENT OF AGRICULTURAL ENGINEERING

### COURSES FOR UNDERGRADUATES

AG	м	100 ENG	INEERING AP	PLICATIO	ONS IN AGR	ICULTURE.			
		PREREQUI 3 HOURS 03 366	SITE: MATH.	111, 11	12 + 104 OR			A GR ENG	RODDA
		03074	LAB-DISC	1	3-5 1-3	M F	132	AGR ENG	*ODDA
		03082	LAB-DISC LAB-DISC	2	1-3 10-12	TU W		AGR ENG AGR ENG	
		03104	LAB-DISC	4	1-3	TH		AGR ENG	
ΔG	ч		REPEATED.	OPEN SE	INAR.				
		*0 TO 9 03112		ı	ARR				STAFF
			COU	RSES FOR	ADVANCED	UNDERGRADI	JATES		
AG	М	200 AGR							
			SITE: JUNIO UM, OR CONS				,HFK-IX	AINING	
		*10-WEEK 03121						CHING ONLY. R SHOP	ESPENSCHIED
AG	м	201 AGR	ICULTURAL M SITE: JUNIO						
			UM, OR CONS			*			
		03139	LECT	A A	3 3-5	M W	VOC AG	AGR ENG R SHOP	E SPENSCHIED E SPENSCHIED
AG	м	241 FAR	M TRACTOR P	OWER.					
		PREREQUI 3 HOURS	SITE: AG. M						
		03147	LECT	A	3-5	TU TH TH	132	AGR ENG AGR ENG	wE8ER
AG	М	252 MEC PREREQUI	HANICS OF S	OIL AND	WATER CON	SERVATION.			
		3 HOURS 03155						100 510	
		03155		A	11 2-5	TU TH TU		AGR ENG AGR ENG	
ΔG	M	272 FAR	M BUILDINGS SITE: AG. M	. 100 00	230.				
		3 HOURS 03163	LECT	Α		M F	210	AGR ENG	CURTIS
		0,103	LAB	A	10-12	M F		AGR ENG	CONTIS
			C OUR SF S	FOR AD	ANCED UND	ERGRADUATE	S AND G	RADUATES	
ΔG	М	300 SPE	CIAL PROBLE	MS.					
		WRITTEN IS REQUI	CONSENT OF RED PRIOR T	INSTRUCT O ADVANO	FOR AND AU CE ENROLLM	THORIZED DI	EPARTME	OR STANDING; NTAL APPROVAL ION.	
		*SECTION MINIMUM	GRADE POINT	TO JAME AVERAGE	S SCHOLAR DF 4.0 A	ND MAY BE	TAKEN I	NTS HAVING A	
		INSTRUCT				I SUBJECT	TO APPR	OVAL OF	
		03171			ARR ARR				LANHAM & STAF
AG	М	SAM	ELOPMENT AN E AS H. EC.	361.	ION OF FAM	ILY HOUSIN	G.		
		3 HOURS 03198	OR 3/4 UNIT	Α	11	M W	240	AGR ENG	HANSEN
			LAB	Α	10-12	F		AGR ENG	

AG M	381 EL	ECTRO-MECH					ICULTURE.	
	3 HOURS	OR 3/4 UN	T					
	03201		Α	9	TU TH		AGR ENG	OL VER
		LAB	Α	2-4	W	221	AGR ENG	
				AGRIC	ULTURE			
			COURSES	FOR UNDER	GRADUATES			
AGR	100 AG	PICULTURE 1	N MODERN	SOCIETY.				
	REQUIRE	D OF ALL FE						
	1 HOUR	1507 010		,	711	2146		C 4 D D 11 F D
	03210	LECT-DISC	,	1	10	3165	m n	GARDNER
AGR	114 AG SA 3 HOURS	ME AS JOURN		SM.				
		LECT-DISC		10	TU TH	313	M H	EVANS
	03236	LAB		1	TH	442	M H	
	03244	LAB	В	2	TH	442	MH	
AGR	*MAY BE *0 TO 9							
		S A & B TO						
	03252	LAB-DISC				316N		JACKSON
	03261	LAB-DISC		7-9 PM		316N		3 ACK 3014
	03279	CONF	Υ			N107	T H	JENSEN AND LARSON
		CC	OURSES FO	R ADVANCE	D UNDERGRAC	DUA TE S		
AGR					IN SOCIOLO	OGY OR (	CONSENT OF	
		LECT-DISC		1.0	TU TH	316N	мн	ANDERSON AND

	03287	LECT-DISC	10	TU TH	316N M H	ANDERSON AND
			11	TH	316N M H	KAISER
AGR	214	ADVANCED AGRICULTE	RAL JOURNALI	SM.		
		SAME AS JOURN. 214				
	PRER	EQUISITE: AGR. 114	OR CONSENT C	F INSTRUCTO	R.	
	3 HO	URS				
	03295	LECT-DISC	9	TU TH	442 M H	DAHL
		LAB	8	TU	442 M H	

DEPARTMENT OFFICE

W201 T H

#### COURSES FOR UNDERGRADUATES

03309	LECT	Α	10	M W F	W109	TH	HASSETT
03317	LECT	В	11	H W F	₩109	TH	HASSETT
03325	LAB	1	1-4	M	W 1	TH	
03333	LAB	2	1-4	TU	W 1	TH	
03341	LAB	3	1-4	W	W 1	T H	
03350	LAB	4	9-12	TH	W 1	TH	
03368	LAB	5	1 -4	TH		TH	
03376 03384	LAB	7	2-5	M TU		TH	
03392	LAB	8	2-5	₩		TH	
	LAB	9	8-11	TH		TH	
	LAB		2-5	TH			
PRERFO	SAME AS AN. QUISITE: BIO DOL. 104.	S D. S.	. AND HOR		OR BOT.	101)	
PRERFC AND ZO 3 HOUF 03422 03431	SAME AS AN. QUISITE: BIO DOL. 104. RS LECT LAB	S., D. S. DL. 110 Af	AND HORND 111 OR	BOT. 100 (	₩109 ₩ 13	T H T H	AL E XA NDE
PRERFO AND ZO 3 HOUF 03422 03431 03449	SAME AS AN. QUISITE: BIO DOL. 104. RS LECT	S. D. S. DL. 110 Af	2 1-3 3-5	BOT. 100 (	W109	T H T H T H	AL E XA NDE I
PRERFO AND ZO 3 HOUF 03422 03431 03449	SAME AS AN. DUISITE: BIO DOL. 104.  KS  LECT LAB LAB LAB LAB PRINCIPLES	1 2 3	2 1-3 3-5 1-3	BOT. 100 (  M W  TU  TU  TH	W109 W 13 W 13	T H T H T H	ALE XANDER
PREREC AND 20 3 HOUF 034-22 034-31 034-49 034-57 AGRON 121 F 4 HOUF 034-65	SAME AS AN. DUISITE: BIO DOL. 104.  S LECT LAB	1 2 3	2 1-3 3-5 1-3	BOT. 100 (  M W TU TU TH	W109 W 13 W 13 W 13	T H T H T H	ALE XANDEF BURGER
PREREC AND 27 3 HOUF 03422 03431 03449 03457 AGRON 121 4 HOUF 03465 03473	SAME AS AN. SUISITE: BIO OL. 104. RS LECT LAB	1 2 3 DF FIELD (	2 1-3 3-5 1-3 CROP SCIEN 8 10-12	BOT. 100 (  M W TU TU TH  ICE.  M W F	W109 W 13 W 13 W 13	T H T H T H T H	
PREREC AND 20 3 HOUF 03422 03431 03449 03457 AGRON 121 4 HOUF 03465 03473 03481	SAME AS ANDUSTITE: BIODL. 104.  (S)  LECT LAB LAB LAB LAB LAB LECT LAB LAB LAB LAB LAB LAB	1 2 3 DF FIELD (1 2	2 1-3 3-5 1-3 CROP SCIEN 8 10-12 1-3	BOT. 100 (  M W TU TU TH  ICE.  M W F	W109 W 13 W 13 W 13	T H T H T H T H T H	
PRERFC AND 20 3 HOUR 03422 03431 03449 03457 AGRON 121 4 4 HOUR 03465 03473 03481 03490	SAME AS AN. SUISITE: BIO OL. 104. RS LECT LAB	1 2 3 DF FIELD (	2 1-3 3-5 1-3 CROP SCIEN 8 10-12	BOT. 100 (  M W TU TU TH  ICE.  M W F TU W	W109 W 13 W 13 W 13 W 13 W 13 W 13	T H T H T H T H T H T H T H T H	

PREREQUISITE: SENIOR STANDING. 1 HOUR

03511 DISC Th N107 T H

BURGER, HASSETT, D. A. MILLER

STAFF

STAFF

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ADVANCED SPECIAL PROBLEMS.

PREREQUISITE: MINIMUM GRADE-POINT AVERAGE 3.5; NOT OPEN TO STUDENTS AGRON 300 ON PROBATION; CONSENT OF THE INSTRUCTOR. APPROVAL OF AGRONOMY TEACHING COORDINATOR IS REQUIRED PRIOR TO ADVANCE AGRONOMY TEACHING COORDINATOR IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.

\*CREDIT IS NOT GIVEN TO GRADUATE STUDENTS MAJORING IN AGRONOMY.

\*1 TO 5 HOURS, OR 1/2 UNIT TO 2 UNITS

SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR. LAB-DISC LAB-DISC A & B 03520 ARR 03538 ARR

SOIL SURVEY, WITH EMPHASIS ON ILLINOIS SOILS.
PREREQUISITE: AGRON. 101 OR CONSENT OF INSTRUCTOR.
FIELD TRIPS, ESTIMATED EXPENSE \$10. AGRON 301 3 HOURS OR 3/4 UNIT LECT W223 T H W223 T H W223 T H 03546 RAY 03554 LAB 1-3 F 03562 LAB 2 S W223

8-10

AGRIIN	PRERFQUIS	MANAGEMENT A	ND CONSERVATI	ON.			
		R 3/4 UNIT LECT	9	M W F	W115	ТН	OSCHWALD
AGRUN	PREREQUIS	CHEMISTRY. SITE: AGRON. 1 OR 3/4 UNIT	O1 AND CHEM.	102.			
	03589	LECT	8	M W F	W223	ТН	MELSTED
AGRUN	PREREQUIS	PHYSICS OF TH SITE: PHYCS. 1	02 AND ONE SE	MESTER OF			
	03597	OR 1 UNIT LECT LAB-DISC	1-3 1-4	Т⊎ ТН	W115 W115	T H T H	BOAST BOAST
AGPON	PREREQUES	A APPRAISALS.  AS AG. EC. 3  ITE: AGRON. 1	12. 01 AND AG. EC	• 220• OR	EQUI VAL	ENT.	
	FIELD TRI 5 HJURS, 03601	PS, ESTIMATED UR 3/4 UR 1 U LECT-DISC B B	EXPENSE, \$10 NIT	.00. M W E	313	мн	REISS
				S	313	мн	
AGPON		MINERAL ANAL SITE: AGRUN. 1		UF THE IN	STRUCTO	R.	
	03619	DR 1 UNIT LECT-DISC LAB	ARR	M W F	W223	ТН	BEAVERS, JONES
AGR IN	PREREQUIS CHEMISTRY		OR EQUIVALEN	T AND ONE	COURSE	IN ORGANIC	
	03627	R 3/4 UNIT LECT	11	M W F	W223	т н	RINNE
AGPAN	DDESERVITS	AGE CROPS AND SITE: AGRON. 1	21				
	03 63 5	R 3/4 UNIT LECT-DISC	10	M W F	W115	ТН	D. A. MILLER
AGPUN	SAME	DOUCTION TO A			R., HOR	T., AND	
	PREREQUIS 4 HOURS O	1. S. 340. SITE: MATH. 11 BR 3/4 UNIT					
	03643 03651 03660	LECT LAB-DISC 1 LAB-DISC 2 LAB-DISC 3 LAB-DISC 4	9 1-3 3-5	TU TH TU TU W W	W109 W223 W223	TH	SEIF
	03678 03686	LAB-DISC 3 LAB-DISC 4	1-3 3-5	W	W121 W223	T H	
AGRON	350 CROP	S AND MAN. P. ESTIMATED R 3/4 UNIT	COST \$10.00.				
	3 HOURS C 03694	LECT-DISC	3-5 10-12	M S	W223 W223	Т Н Т Н	HARL AN
			COURSES FOR	GRADUATES			
AGRUN	REQUIRED	NAR. OF ALL GRADUA ITE: GRADUATE	TE MAJORS IN STANDING.	AGRONDMY.			
	A CREDIT			W	N107	T H	JACKOBS BERNARD
	03724	LAB-DISC C LAB-DISC G LAB-DISC PP LAB-DISC S	12	тн ти	113 W109	D H T H	HARPER KURTZ
AGRUN	405 COLL	OIDAL CHEMIST	RY OF SOILS.				

AGRUN 405 COLLOIDAL CHEMISTRY OF SOILS.

PREREQUISITE: CHEM. 340 AND 341, OR EQUIVALENT.

1 UNIT

03741 LECT-DISC ARR

GIESEKING

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PHYSICAL CHEMISTRY OF CLAYS AND SOILS.
AGRON 414
            SAME AS MIN. E. AND CER. E. 414.

PREREQUISITE: CHEM. 340 AND 341, OR EQUIVALENT OR CONSENT
            DE INSTRUCTOR.
            1 UNIT
                                                8-930 TU TH N107 T H
                                                                                                     R. J. MILLER
         03759
                       LECT
           PASTURE, RANGE, AND SOIL CONSERVATION RESEARCH.
PREREQUISITE: AGRON. 121, AGRON. 321, OR 322.
            1 UNIT
                      LECT-DISC
                                                            M W F N107 T H
         03767
                                                                                                     TACKURS
                 CYTOGENETIC AND EVOLUTIONARY BASIS OF PLANT BREEDING.
           PREREQUISITE: AGRON. OR HORT. 323 OR EQUIVALENT OR
           CONSENT OF INSTRUCTOR.
            1 UNIT
                                                             W F
                                                                         W115 T H
W121 T H
                       LECT-DISC 1
                                                                                                    HADLEY
                  MINERAL NUTRITION OF PLANTS.
AGRAN 424
           SAME AS BOT. AND HORT. 424.
PREREQUISITE: BOT. 330 OR CONSENT OF INSTRUCTOR.
            1 UNIT
                                                           TU TH S W115 T H
S W115 T H
                       LECT-DISC 1
                                                                                                    HAGEMAN
         03783
                                                  0
                  DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
AGRON 440
                  SAME AS AG. E., AN. S., D. S., F. S., FUR., HORT., AND V. M. S. 440.
           PREREQUISITE: AGRON. 340 OR EQUIVALENT.
            3/4 UNIT
                                                                         W109 T H
W223 T H
W223 T H
         03791
                                                                                                    CARMER
                                                                TH
TH
                      LAB-DISC 1
         03805
                                                  1-3
         03813
ACRON 442
                 ENVIRONMENTAL PLANT PHYSIOLOGY.
           SAME AS BOT. 442.

PREREQUISITE: CHEM. 133, GENERAL PHYSICS, GENERAL OR PLANT
PHYSIOLOGY AND CONSENT OF INSTRUCTOR.
            3/4 UNIT
         03821
                      LECT
                                                            M W F 308 N H B
                                                                                                BOYER
AGRON 493
                 ADVANCED STUDIES IN AGRONDMY
           PREREQUISITE: CONSENT OF INSTRUCTOR.
            1/4 TO 2 UNITS
            WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:
                  MAY BE TAKEN IN THE FOLLOWING FIELDS
A-SOIL CHEMISTRY.
B--SOIL FERTILITY.
C--SOIL PHYSICS.
D--SOIL CLASSIFICATION AND PEDOLOGY.
E--SOIL MINERALOGY.
F--SOIL MICROBIOLOGY.
G--PLANT BREEDING AND GENETICS.
H--PLANT PHYSIOLOGY.
                  I -- WEED CONTROL .
                  J--CROP MORPHOLOGY.
K--CROP PRODUCTION AND ECOLOGY.
                  L--STATISTICA! TECHNIQUES AND DATA PROCESSING.
CONF A ARR
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         03830
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         03848
                       CONF
                                      В
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ONF
         03856
                                              ARR
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         03864
                                             ARR
                                                                                                      STAFF
         03872
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                                              ARR
                                                                                                      STAFF
         03881
                                             ARR
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         03899
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         03902
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         03911
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03945

AGRUN 499 THESIS RESEARCH.

O TO 4 UNITS

WORK TO BE TAKEN IN THE FOLLOWING SUBJECTS:

ALDRICH, BEAVERS, BRAIDS, FFHRENBACHER, GIESEKING, A-SOILS HINESLY, JONES, KURTZ, MELSTED, R. J. MILLER, MILLINGTON, ODELL, PETERS, RAY, RUNGE, STEVENSON,

TYMER, WALKER, WELCH.
ALEXANDER, BERNARD, BROWN, BURGER, CARMER, COOPER,
DEWET, DUDLEY, EARLEY, GERDEMANN, HADLEY, HAGEMAN,
HANSON, HARLAN, HILTIBRAN, HITTLE, HOOKER, HYMOWITZ, B-CROPS JACKOBS, KNAKE, LAMBERT, LAUGHNAN, LENG, MCGLAMERY, D. A. MILLER, OGREN, PATTERSON, PENDLETON, RINNE, SCOTT, SEIF, SLIFE, WAX, WEBER, WEIBEL, WIDHOLM,

WILSON AND WOOLLEY.

03953 CONF ARR STAFF

#### AIR FORCE AFROSPACE STUDIES

DEPARTMENT OFFICE

230 ARMORY

#### COURSES FOR UNDERGRADUATES

AFAS 100 CORPS TRAINING.

MUST BE TAKEN IN CONJUNCTION WITH OTHER COURSES.
PREREQUISITE: DETERMINED PHYSICALLY FIT BY THE UNIVERSITY, CITIZEN OF THE UNITED STATES.

NO CREDIT

03961 LAB 7 P M 101 ARMORY ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED OF ALL CADETS.

AFAS 112 FRESHMAN THEORY COURSE: STRATEGIC OFFENSIVE AND DEFENSIVE FORCES OF THE UNITED STATES.

AFAS CONTINUATION OF AFAS 111. PREREQUISITE: AFAS 111 OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES.

1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. 03970

325E ARMORY LECT-DISC E M 03988 325E ARMORY LECT-DISC M 03996 TIJ 325F ARMORY

AFAS 122 SOPHOMORE THEORY COURSE: WORLD MILITARY SYSTEMS, II.

AFAS CONTINUATION OF AFAS 121. PREREQUISITE: AFAS 121 OR CONSENT OF PROFESSOR OF AIR FORCE

AEROSPACE STUDIES. 1 HOUR

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. 04002 325E ARMORY 1

LECT-DISC P 04011 10 TH 325E ARMORY

### COURSES FOR ADVANCED UNDERGRADUATES

THE FOLLOWING AIR FORCE AEROSPACE STUDIES COURSE MAY BE TAKEN UPON APPLICATION BY STUDENTS WHO MEET THE REQUIRED STANDARDS COMMISSIONS IN THE AIR FORCE RESERVE ARE AWARDED THOSE STUDENTS WHO SATISFACTORILY COMPLETE THE ADVANCED COURSES AND WHO COMPLETE THE ACADEMIC REQUIREMENTS FOR A DEGREE SUBJECT TO ALLOCATIONS OF COMMISSIONS TO BE MADE BY AIR FORCE R.O.T.C. STUDENTS ARE PAID RETAINER PAY, ARE FURNISHED A UNIFORM, AND ARE REQUIRED TO ATTEND A SUMMER ENCAMPMENT PRIOR TO THE PROFESSIONAL OFFICER COURSE.

ADVANCED AIR FORCE RADATACA COURSES REQUIRE THREE HOURS OF INSTRUCTION A WEEK. GENERAL PREREQUISITE: SUCCESSFUL COMPLETION OF THE FRESHMAN AND SOPHOMORE AIR FORCE R.O.T.C. COURSES OR THE SIX-WEEK FIELD TRAINING PROGRAM OR EQUIVALENT TRAINING AS APPROVED BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, PASS OFFICERS TYPE PHYSICAL EXAMINATION, ACHIEVE SATISFACTORY SCORES ON THE AIR FORCE OFFICERS QUALIFICATION TEST, AND ACCEPTANCE BY A BOARD OF AIR FORCE OFFICERS.

AFAS 232 JUNIOR THEORY COURSE: GROWTH AND DEVELOPMENT OF AEROSPACE

POWER, IT.

PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY
COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES,

APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR
OF AIR FURCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL 3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. LECT-DISC B M W F 222 ARMORY 222 ARMORY 04029

AFAS 242 SENIOR THEORY COURSE: THE PROFESSIONAL OFFICER. II. PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR
OF AIR FORCE AFROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR
FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION. 3 HOURS

NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE. LECT-DISC B 9
LECT-DISC C 10
LECT-DISC D 11 M W F 325E ARMORY M W F 325E ARMORY 04045 04053 325E ARMORY 04961

#### AMERICAN CIVILIZATION

MAJOR: STUDENTS WHO ELECT AMERICAN CIVILIZATION AS A MAJOR MUST MAJUR: STUDENTS MHU ELECT AMERICAN CIVILIZATION AS A MAJUR MUST COMPLETE FORTY SEMESTER HOURS (WHICH SATISFIES NOTH MAJOR AND MINOR REQUIREMENTS FOR GRADUATION) IN COURSES INDICATED BELOW, AT LEAST TWENTY HOURS BEING IN COURSES NUMBERED 300 OR ABOVE. THEY ARE REQUIRED TO MAINTAIN A 3.0 GENERAL AVERAGE AT ALL TIMES, THAT IS, WHEN THE AVERAGE DROPS BELOW THAT LEVEL THE STUDENT SHALL DROP FROM THIS MAJOR. SPECIFICALLY REQUIRED ARE:

1. ENGL. 256, HIST. 151-152, AND EITHER ART 323 OR 324 OR PHIL.
313 (A TOTAL OF FIFTEEN HOURS). EQUIVALENT OR MORE ADVANCED COURSES
MAY BE SUBSTITUTED PROVIDED THAT, TAKEN TOGETHER, THEY CONSTITUTE
COMPREHENSIVE SURVEYS OF THE THREE FIELDS OF AMERICAN HISTORY,
AMERICAN LITERATURE, AND EITHER AMERICAN ART OR AMERICAN PHILOSOPHY. PHILOSOPHY. APPROVAL FOR ANY SUCH SUBSTITUTION MUST BE REQUESTED BY A PETITION TO THE DEAN BEARING THE RECOMMENDATION OF THE ADVISOR FOR THE CURRICULUM.

2. AT LEAST SIX HOURS OF ADVANCED WORK IN ENGLISH AND AT LEAST SIX 2. AT LEAST STA HOURS OF ADVANCED WORK IN ENGLISH AND AT LEAST STA HOURS OF A DVANCED WORK IN HISTORY, CHOSEN FROM THE FOLLOWING COURSES ALL OF WHICH ARE IN THE AMERICAN FIELD: ENGL. 285-286, 287, 316, 352, 353-354, 375-376, HIST. 352, 354, 355, 356, 357-358, 359, 360, 361-362, 363-364, 367-368, 369-370, 371-372, 373-374. SPEECH 366 MAY BE SUBSTITUTED FOR ENGL. 316.

3. AT LEAST SIX HOURS FROM THE FOLLOWING COURSES: ARCH. 215-216, ECON 236, ED. 302, GEOG. 223, POL. S. 150-151, 351, 381, 397, SPCH. 312; OR COURSES LISTED IN THE PRECEDING PARAGRAPHS, IF NOT COUNTED TOWARD THE REQUIREMENTS THEREUNDER.

4. AT LEAST SIX ADDITIONAL HOURS IN ONE OF THE FOLLOWING DEPARTMENTS: ART, ENGLISH, HISTORY, PHILOSOPHY OR POLITICAL SCIENCE CHOSEN FROM COURSES WHICH DEAL WITH NON-AMERICAN ASPECTS OF THE SUBJECT BUT WHICH ARE CLOSELY RELATED TO SPECIFIC COURSES SELECTED UNDER THE PRECEDING REQUIREMENTS, SUCH AS, FOR EXAMPLE, A COURSE DEALING WITH THE SAME PERIOD IN EUROPEAN HISTORY OR IN ENGLISH LITERATURE.

THE COMMITTEE IN CHARGE OF THE CURRICULUM ADVISES EACH STUDENT CONCERNING THESE ADDITIONAL HOURS, ASSUMES RESPONSIBILITY FOR THE STUDENTS REGISTRATION IN THE PROPER COURSES, AND FILES A RECORD OF THE STUDENTS REGISTRATION INDICATING THE SPECIFIC COURSES APPROVED AS SATISFYING THIS REQUIREMENT IN THE OFFICE OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

ADVISER -- CHAIRMAN OF THE COMMITTEE IN CHARGE--PROFESSOR WALLACE D. FARNHAM, GREGORY HALL

MINORS: THIS CURRICULUM HAS BEEN APPROVED AS A MINOR FOR STUDENTS MAJORNS: 1415 CORRECTION HAS BEEN APPROVED AS A MINDE FOR STODEN'S MAJORNO IN GEOGRAPHY, HISTORY, POLITICAL SCIENCE, AND SPECCH. A SPLIT MINJR IS NOT AUTHORIZED. NC COURSE COUNTED TOWARD THE STUDENTS MAJOR MAY BE COUNTED TOWARD THE MINOR. THE MINOR CONSISTS OF AT LEAST TWENTY SEMESTER HOURS, INCLUDING THE REQUIRED COURSES HIST. 151-152 AND ENGL. 113-114, AND IN ADDITION:

AT LEAST THREE HOURS FROM COURSES LISTED UNDER (2) OF THE REQUIREMENTS FOR THE MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

2. THE REMAINDER, IF ANY, CHOSEN FROM COURSES LISTED UNDER (1) AND (3) OF THE REQUIREMENTS FOR MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THUSE NUMBERED UNDER 30C AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

### ANIMAL SCIENCE

DEPARTMENT OFFICE

328 M H

#### COURSES FOR UNDERGRADUATES

AN S 100	INTRODUCTION	TO ANIMAL SCIENCE.
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3 HOUR:	5								
04070	LECT	Α	3	M	F	135	Α	S L	BRAY AN
	LAB	Α	3-5	W		135	Α	S L	OTHERS
		Α	3-5	W		STOCK	PA	VILION	

#### 103 MEAT ANIMAL EVALUATION.

PREREQUISITE: AN. S. 100.

	3 HOURS									
C	4788	LECT		1		F	STOCK	PAVILION	HANKES	AND
		LAB-DISC		1-3	M		STOCK	PAVILION	ROMANS	
		LAB	1	12-2	W		152	C A		
			2	3-5	W		152	CA		

### AN S 110

PLANT AND ANIMAL GENETICS.

SAME AS AGPON., D. S., AND HORT. 110.

PPEREOUISITE: BIOL. 110 AND 111 OF BUT. 100 (OR BUT. 101) AND ZOOL. 104.

3 H1UR	5						
04119	LECT		2	M W	W109	T H	AL EX ANDE
04126	LAB	1	1-3	TU	W 13	T H	AND STAF
04134	LAB	2	3 -5	TU	₩ 13	T H	
04142	LAB	3	1-3	TH	H 13	TН	

#### UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED.

\*0 TO 9 HOURS

04151 CONE ARR STAFF

ND

R

### COURSES FOR ADVANCED UNDERGRADUATES

SPECIAL PROBLEMS.

PREREQUISITE: MINIMUM GRADE POINT AVERAGE 3.5, NOT OPEN TO STUDENTS
ON PROBATION, SENIOR STANDING, CONSENT OF THE INSTRUCTOR AND HEAD
OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS
REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEMS COURSE.

1 TO 5 HOURS

\*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

CONF 04169 ARR 04177 CONF # & B ARR

STAFF

AN S 201 LIVESTOCK MANAGEMENT. TREE AS D. S. 201.
PREREME AS D. S. 201.
PREREME AS D. S. 201.
ANN. S. 325.
ANN. MAL AND DAIRY SCIENCE MAJURS DO NOT RECEIVE CREDIT FOR THIS COURSE. \*5 HOURS LECT-DISC 11 MTUWTHF 135 A S L 04185 AND SPAHR 4 PRINCIPLES OF MEAT TECHNOLOGY.
PREREQUISITE: CHEM. 102 (NEW), OR 132, OR 133.
FIELD TRIP, ESTIMATEC COST \$30. AN S 204 4 HOURS ROMANS , ROBSON 1-5 TU TH 152 C A 04193 LAB-DISC AND LOHMAN AN S 206 HORSE PRODUCTION. PREREQUISITE: AN. S. 220 CR 221 OF EQUIVALENT. 3 HOURS 04207 TU TH STOCK PAVILION
TU STOCK PAVILION LECT-DISC ALBERT TU 4 AN S 211 BREEDING ANIMAL EVALUATION. PREREQUISITE: AN. S. 103. 3 HOURS 3 M F STOCK PAVILION ALBERT 3-5 W STOCK PAVILION 04215 LAB AN S 221 ANIMAL NUTRITION. SAME AS D. S. 221.

PREREQUISITE: CHEM. 102(NEW), 132, OR 133.

\*CREDIT IS NOT GIVEN FOR BOTH AN. S. 221 AND 325. \*4 HOURS 04223 TUWTHE BAKER AND BAUMAN 135 A S I AN S 230 COMPARATIVE PHYSIOLOGY OF REPRODUCTION, LACTATION AND GROWTH. SAME AS D. S. 230.

PREREQUISITE: ZOOL. 104 AND ONE COURSE IN CHEMISTRY. 3 HOURS W115 T H DZIUK AND HAYS 04231 9 TU TH 10-12 TU LECT LAB AN S 299 SEMINAR. PREREQUISITE: SENIOR STANDING. 1 HOUR 04240 LECT-DISC TH 121 A S L GARR I GUS COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 1 BEEF PRODUCTION.
PREREQUISSITE: AN. S. 221, OR EQUIVALENT.
3 HOURS, OP 1/2 OR 3/4 UNIT
4258 LECT 8 M 04258 M W F 135 A S L HATFIELD PORK PRODUCTION.

PREREQUISITE: AN. S. 221, UR EQUIVALENT.

3 HOURS OR 3/4 UNIT

04266 LECT A 8 M

QUIZ A 8 AN S 303 F 313 M H 313 M H JENSEN AN S 305 GENETICS AND ANIMAL IMPROVEMENT. SAME AS D. S. 305.

PREREQUISITE: AN. S. 110 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT 10 M W 316N M H F 316N M H 04274 LECT RASMUSEN AND GROSSMAN DISC AN S 320 NUTRITION AND DIGESTIVE PHYSIOLOGY OF RUMINANTS. SAME AS D. S. 320.
PREREQUISITE: D. S./AN. S. 221. 3 HOURS OR 3/4 UNIT LECT M W F N107 TH DAVIS AND HINDS

AN S	325 PR	INCIPLES OF	ANIMAL NU	TRITION				
	PREREQU	JISITE: CHEM.	354 OR C	HEM. 35	0 AND 355.	70.55	5015 141	
		NOT ALLOWED		S. 325	IN ADDITION	TO CR	FDIT IN	
	*5 HOUR	D. S. 221. S OR 1 1/4 U	NITS					
	04291	LECT LAB-DISC		10	M W F	253 253	V M V M	OWENS
	04304	LAB-DISC	Δ	8-10	TU	266		
	04312	LAB	В	8-10	TH	266	V M	
AN S		VESTOCK MARK						
	SA	ME AS AG. EC	. 332.	F6 00	00 411 51	545N71		
	COURSE.	ISITE: ECON.	108, AG.	EL. 23	U, UK AN EL	EMENIA	KY MAKKETI	NG
	FIELD 1	RIP. ESTIMAT		E \$15.0	0.			
	3 HOURS 04321	LECT	1 UNIT	2	F	W109	ТН	BROADBENT
	04339	DI SC	F	2	M W	320	мн	DNOADDENT
	04347	DISC	G	3	M W	320	мн	
AN S		TRODUCTION T						
	SA	ME AS AG. E. M. S. 340.	. AGRON.,	D. S.,	F. S., FOR	., HOR	T., AND	
	PREREQU	ISITE: MATH.	111 OR 1	12 OR 1	04, OR EQUI	VALENT	•	
	4 HOURS	OR 3/4 UNIT						
	04355	LECT LAB-DISC	1	9 1-3	TU TH TU	W109 W223	T H T H	SEIF
	04371	LAB-DISC	2	3-5	ŤÜ	W223	тн	
	04380 04398	LAB-DISC LAB-DISC	3	1-3	lel lel	W121 W223	TH	
	04346	LAB-DISC	4	3-7		WZZ3	1 11	
	***	MAN EVOLUTIO						
AN S		ME AS ANTH.						
	PREREQU	ISITE: ANTH.	102 OR Z	00L. 10	1 OR 104, 0	R CONS	ENT OF	
	INSTRUC *ADDIT!	TOR. ONAL WORK WI	II BE REO	IIITRED OI	F GRADUATE	STUDEN	TS REGISTES	RING
	FOR ONE	UNIT OF CRE	DIT IN TH	IS COUR!	SE.	310001	TO REGISTE	1110
	*3 HOUR	S, OR 1/2 OR LECT-DISC	1 UNIT	2	M W F	312	D 14	GILES AND
	04401	F EC1-012C		۷	ммг	312	UH	RASMUSEN
AN S	350 WO	RLD ANIMAL A	GR I CULTUR	E .				
	SA	ME AS D. S.	350.					
	3 HOURS	ISITE: CONSE	NI UF INS	TRUCTUR.	•			
	04410	LECT		8	H W F	316N	мн	KASTELIC
								AND BROWN
			COUR	SES FOR	GRADUATES			
AN S	400 PR	ESENTATION O	F EXPERIM	ENTAL RE	ESULTS.			
	1/4 UNI	LECT-DISC		4	TH	104	AN GEN	DZIUK
	04420	ELUT DISC		,	***	10.	Air Ocir	DEION
AN S	402 PR	INCIPLES OF	CHEED AND	HOO! O!	OCCUPATION.			
AN 3	PREREQU	ISITE: CONSE	NT OF INS	TRUCTOR	,			
	1/2 UNI			_				
	04436	LECT-DISC	AR	R		101	SP	HATFIELD, JOHNSON AND
								OWENS
AN S		CHNICS AND TH						
	PREREQU 1/2 UNI	ISITE: CONSE	NT OF INS	TRUCTOR	•			
	04444	LECT-DISC		3	TU TH	313	н н	HARMON AND
								HINDS
AN S		YSTOLOGY OF		ION.				
	S A 1 UNIT	ME AS ZOOL.	406.					
	04452	LAB-DISC		1-3	TU TH	135	ASL	NALBANDOV

LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION. SAME AS ZOOL. 408.
PREREQUISITE: CONSENT OF INSTRUCTOR. \*COMBINED CREDIT IN AN.S. 407 AND 408 MAY NOT EXCEED TWO UNITS. \*1/2 TO 1 UNIT 04461 LAB DZIUK AND NALBANDOV RESEARCH METHODS IN ANIMAL SCIENCE. AN S 410 PREREQUISITE: CONSENT OF INSTRUCTOR.
\*STUDENTS MAY ACCUMULATE 1 UNIT. \*1/4 TO 1 UNIT 04479 CONF GRADUATE STAFF ADVANCED ENDOCRINOLOGY.
SAME AS D. S., PHYSL., AND 7COL. 412
PREREQUISITE: CONSENT OF INSTRUCTOR.
\*STUDENTS MAY ACCUMULATE 2 UNITS. AN S 412 \*1/2 UNIT TOPIC -- TO BE ANNOUNCED. 140 BUR HALL 04487 0150 730-10PM M NALBANDOV, FOSTER, GORSKI JACKSON, DZIUK AN S 416 POPULATION GENETICS AND ANIMAL BREEDING. SAME AS D. S. 416.
PREREQUISITE: AN. S. 110 OR EQUIVALENT. 1 UNIT 04495 LECT M W F 341 A S L COMPARATIVE NUTRITION. AN S 420 PREREQUISITE: CHFM. 350 AND 355. 1 UNIT 205 F S L FORBES 04509 MITUWITH LECT 1.1 DESIGN AND ANALYSIS OF RIOLOGICAL EXPERIMENTS.

SAME AS AG. E., AGRON., D. S., F. S., FOR., HORT.,

AND V. M. S. 440.

PREREQUISITE: AN. S. 340 OR EQUIVALENT. AN 5 440 3/4 UNIT W109 T H W223 T H W223 T H 04517 SEIF, CARMER LAB-DISC 1 TH 04525 1-3 AND WALKER 04533 LAB-DISC RADIOISOTOPES IN BIOLOGICAL RESEARCH: PRINCIPLES AND PRACTICE. SAME AS V.M.S. 463 AND BIOPH 463.
PREREQUISITE: QUANTITATIVE CHEMISTRY, ONE YEAR OF MATHEMATICS, PHYSICS, BIOLOGY AND/OR CONSENT OF INSTRUCTOR. 3/4 UNIT TWARDOCK AND

04541 LEC T 253 V M 232 V M 1.1 1-5 04550 LAB TU

ANDERSON TH 232 V M 04568 IAB 1-5 R

AN S 481 ANIMAL BIOCHEMICAL LABORATORY TECHNIQUES. SAME AS D. S. 481.
PREREQUISITE: CHEM. 350 AND 355; CONSENT OF INSTRUCTOR. 1 UNIT \*PLUS TWO HOURS TO BE ARRANGED. 04576 LAB-DISC TU TH 341 A S L

OTHERS

LARSON AND

AN S 496 THE USE OF CARBON-14 IN LABELING TECHNIQUES. SAME AS CHEM. 496.
PREREQUISITE: CHEM. 336, 337, AND 338, OR EQUIVALENT, CONSENT OF INSTRUCTOR. 3/4 OR 1 UNIT. 04584 TU TH LECT 11 217 NL 1-5 04592 LAB Α TU 163 D H

NYSTROM AND SHAW W 04606 LAB С 1-5 163 DH 04614 LAB D 1-5 TH 163 D H 04622 1-5 E LAB 163 D H F

THESIS PESEARCH. AN S 499 O TO 4 UNITS

04631 CONF GRADUATE STAFF ARR

DEPARTMENT DEFICE

109 D H

MAJOR: TWENTY HOURS IN ANTHROPOLOGY, EXCLUDING ANTH. 102 AND 103. STUDENTS ARE STRONGLY ADVISED TO TAKE AT LEAST ONE COURSE FROM EACH OF THE PRINCIPAL FIELDS OF ANTHROPOLOGY: ARCHAEOLOGY, ETHNOLOGY (INCLUDING AT LEAST ONE COURSE DEALING WITH A PARTICULAR WORLD AREA), LINGUISTICS, AND PHYSICAL ANTHROPOLOGY.

MINURS: IMENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WIT AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: CLASSICS, ECONOMICS, GEOGRAPHY, EFOLOGY, HISTORY, LINGUISTICS, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY AND ZOOLOGY. THE INTERDEPARTMENTAL PROGRAM IN ASIAN STUDIES, LATIN-AMERICAN STUDIES OR IN RUSSIAN LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A SOLE MINOR. MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH

#### COURSES FOR UNDERGRADUATES

CONCEPTS IN GENERAL ANTHROPOLOGY. ANTH \*CREDIT IS NOT GIVEN FOR ANTH. 101 AND 102-103.

04649	LFCT-DISC		9	4 W E	62	K M
04657	DISC	A	8	TU	313	DН
04665	DISC	B	8	TH	313	DH
04673	DISC	C	9	TH	313	DH
04681	DISC	D	12	TH	313	DH
04690	DISC	E	1	TU	313	DH

BRUKMAN, GIBBON GRISSMAN, ROSS

2 INTRODUCTION TO ANTHROPOLOGY: THE ORIGIN OF MAN AND CULTURE. \*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101. ANTH

#4 HOURS

*HONURS	SECTION	OPEN TO	JAMES SCH	CLARS AND OTH	HER HONORS	STUDENTS.
04 703	LFCT-D1	SC	10	MWF	100 N	L.
04711	DISC	Α	8	TU	109A D	Н
04720	DISC	В	28	TU	209A D	H
04738	DISC	C	8	TH	109A D	Н
04746	DISC	D	9	TU	209A D	Н
04 75 4	DISC	E	9	TH	209A D	H
04762	DISC	F	9	TU	313 D	H
04827	DISC	£G	10	TH	313 D	Н
04771	DISC	H	10	TH	209A D	Н
04789	DISC	I	10	TH	137 AD	MIN
04797	DISC	J	1	TU	209A D	Н
04801	DISC	K	1	TU	312 D	Н
04919	DISC	L	2	TU	209A D	Н

GROVE

INTRODUCTION TO CULTURAL ANTHROPOLOGY.
\*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101. ANTH 103

\*4 HOURS

04932

04941

\*SECTION G IS AN HONORS SECTION OPEN TO JAMES SCHOLARS AND OTHER HONDRS STIMENTS

11 M W F 141 COM W

TH

TH

209A D H

8 C A

04835	LECT-DISC
04843	DISC
04851	DISC
04860	DISC
04.979	0.1.0.0

DISC

DISC

04843	DISC	Α	8	TU	113	Đ	H
04851	DISC	В	8	TH	209A	D	H
04860	DISC	C	8	TH	113	D	H
04878	DISC	D	2	TU	313	D	H
04886	DISC	E	10	TU	313	D	H
04894	DISC	F	11	TU	313	D	H
04959	DISC	EG 33	11	TU	209A	D	H
04908	DISC	H	12	TU	109A	D	H
04916	DISC	1	10	TH	312	N	L
04924	DISC	J	11	TH	313	D	H

11

CRISSMAN

174 AMERICAN COMMUNITIES AND THEIR PROBLEMS HTMA

F 1 .A	THE LEASE CO.		ALAD THE TE	11/000000000000000000000000000000000000			
4 HOURS	5						
04967	LECT-DI:	SC	9	TU TH	213	G H	
04975	DISC	Δ	3-5	M	174	LH	
04983	D1 SC	В	3-5	TU	110	L H	
04991	DISC	C	3-5	W	262	LH	
05008	DISC	D	3-5	TH	116	L H	
05016	DISC	E	3-5	F	108	L H	
05024	DISC	F	3-5	TU	116	1 H	

H.P. STEPHENS

ANTH 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED.

\*O TO 9 HOURS SECTION A TOPIC: KINGDEMS OF AFRICA. SECTION B TOPIC: INDIVIDUAL TOPICS IN AMERICAN COMMUNITIES. SECTION C TOPIC: THE ROLE OF A BLACK MUSICIAN IN SOCIAL CHANGE. CONF Α ARR KELLER 05032 05041 CONF В ARR STEPHENS CONF ARR ZAMORA 05 05 9 COURSES FOR ADVANCED UNDERGRADUATES 230 INTRODUCTION TO SOCIAL-CULTURAL ANTHROPOLOGY. ANTH PREREQUISITE: ANTH. 101 OR 103, OR CONSENT OF INSTRUCTOR. 3 HOURS 05.06.7 LECT-DISC 209A D H ROSS ANTH 240 INT 3 HOURS INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY. LECT-DISC 05075 10 M W F 349 ARMORY GILES ANTH 261 AFRO-AMERICAN SOCIETIES AND CULTURES. PREREQUISTIE: ANTH. 101 OR 103, OR 174. 4 HOURS 05083 LECT-DISC 242 BEV HALL WHITTEN DISC 05 091 Α TU 109A D H 1 05105 DISC В TU 313 D H 209A D H 05113 DISC C TU ANTHROPOLOGICAL THEORY IN CONTEMPORARY PERSPECTIVE.

PREREQUISITE: A MAJOR IN ANTHROPOLOGY OR CONSENT OF THE INSTRUCTOR. ANTH 280 3 HOURS 05121 LECT-DISC 209A D H GOULD ANTH 290 HONORS COURSE. PREREQUISITE: SENIOR STANDING AND 4.0 AVERAGE. 2 TO 4 HOURS 05130 ARR CONE STAFF ANTH 291 HONORS COURSE. PREREQUISITE: SENIOR STANDING AND 4.0 AVERAGE. 2 TO 4 HOURS 05148 CONF STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES ANTH 300 INTRODUCTION TO LINGUISTICS. SAME AS LING. 300. PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT. 3 HOURS OR 1/2 UNIT 05156 LECT-DISC A 1 LECT-DISC B 2 M W F 221 G H 4 G H 05164 AREA STUDIES IN ETHNOMUSICOLOGY.
SAME AS MUSIC 317. ANTH 315 PREREQUISITE: SENTOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE 12 HOURS OR 2 UNITS \*3 HOURS OR 1/2 UNIT TOPIC: LATIN-AMERICAN FOLK MUSIC. LECT-DISC A 05172 M W F 101 H A B E HA GUE

ANTH 316 INTRODUCTION TO MUSIC OF THE WORLDS CULTURES.

SAME AS MUSIC 316.

FOR STUDENTS OUTSIDE THE SCHOOL OF MUSIC.

PREREQUISITE: ANTH. 103 OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

05181 LECT-DISC A 9 M W F 104 1203 W NEV NETTL

ANTH 317 LANGUAGES OF THE WORLD. 17 LANGUAGES UP THE HUNGES

SAME AS LING. 317.

PRESEQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

LECT-DISC 3 M W F 4 G H PRIMITIVE SOCIAL ORGANIZATION. PREREQUISITE: ANTH. 103, OR 260, OR 280, OR EQUIVALENT. 3 HOURS OR 1 UNIT 05202 LECT-DISC M W F SCHILDKROUT 1094 D H ANTH 341 HUMAN EVOLUTION, II. SAME AS AN. S. 341.
PREREQUISITE: ANTH. 102 OR ZOOL. 101 OR 104, OR CONSENT OF INSTRUCTOR. \*ADDITIONAL WORK WILL BE REQUIRED OF GRADUATE STUDENTS REGISTERING FOR ONE UNIT OF CREDIT IN \*3 HOURS, OR 1/2 OR 1 UNIT FOR ONE UNIT OF CREDIT IN THIS COURSE. 05211 LECT-DISC M W F 312 D H GILES AND RASMUSSEN PREHISTORY OF AFRICA. PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 1030-12 05229 LECT-DISC TU TH 311 D H KELLER 50 SOUTH AMERICAN CULTURE HISTORY, II.
PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR. ANTH 350 3 HOURS OR 1 UNIT M W F 109A D H LAB-DISC 10 LATHRAP ANTH 357 7 MIDWESTERN PREHISTORY. PREREQUISITE: ANTH. 220 OR EQUIVALENT OR CONSENT OF THE INSTRUCTOR. OF THE INSTRUCTION.
3 HOURS, OR 1/2 OR 1 UNIT
9-1030 TU TH 109A D H GIBBON 61 PEOPLES AND CULTURES OF MEXICO AND GUATEMALA.
PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
05253 LECT-DISC 9-1030 TU TH 152 CA ANTH 361 05253 BUTTERWORTH PEOPLES OF SOUTHEAST ASIA AND INDONESIA.
PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
05261 LECT-DISC 2 M W F 221 G H ANTH 366 I EHM AN 8 PEOPLES AND CULTURES OF INDIA.
PREREQUISITE: ANTH. 102 AND 103 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
5270 LECT-DISC 4 M W F 209A D H 4 M W F 209A D H 05270 GOUL D ANTH 370 LANGUAGE, CULTURE, AND SOCIETY.
SAME AS COMM. AND LING. 370.
3 HOURS, OR 1/2 OR 1 UNIT 05288 LECT-DISC M W F 304 L H BRUKMAN ANTH 374 PROBLEMS IN HUMAN ECOLOGY. SAME AS GEOG., H. ED., PHYSL., PSYCH., SOC., AND V.M.S. 374.
PREREQUISITE: ANTH., H. ED., GEOG., PHYSL., SOC., ZOOL., OR V.M.S. 369. 4 HOURS OR 1 UNIT \*ONE DISC HOUR TO BE ARRANGED. LECT-DISC \*11 M W F 393 BEV HALL STAFF 05296

ANTH 377 REGIONAL TOPICS IN AFRICAN ANTHROPOLOGY.

RESEARCH PAPER. MAY BE TAKEN A SECOND TIME ONLY WHEN A DIFFERENT REGION IS EMPHASIZED.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS OR 1 UNIT

05300 LECT-DISC 4 M W F 195 N L SCHILDKROUT

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ANTH 384
                TRADITIONAL CHINESE SCCIAL ORGANIZATION.
         PREREQUISITE: ANTH. 101 OR 103, OR CONSENT OF INSTRUCTOR.
           3 HOURS OR 1 UNIT
         05318
                     LECT-DISC
                                          1030-12
                                                        TU TH 201 N L
                                                                                               CRISSMAN
ANTH 385 ANTHROPOLOGY OF EDUCATION.
           SAME AS HP. FD. 385.

PREREQUISITE: COURSE IN ANTHROPOLOGY OR SOCIOLOGY OR CONSENT
           OF INSTRUCTOR.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT
326 LECT-DISC 10-
                                         10-12 W 201 N 1
         05326
                                                                                         RUDNETTE
                                        COURSES FOR GRADUATES
ANTH 410
                ADVANCED FIELD METHODS IN LINGUISTICS.
          SAME AS LING. 410.
PREREQUISITE: ANTH. 409 OR EQUIVALENT.
          1 UNIT
         05342
                      LECT-DISC B
                                                        M W F 312 D H
           PROBLEMS IN PHYSICAL ANTHROPOLOGY.

PREREQUISITE: ANTH. 340 AND CONSENT OF INSTRUCTOR.

*MAY BE REPEATED FOR ADDITIONAL CREDIT.
           *1 UNIT
         05351
                                                                                               GILES
          O SEMINAR IN ANTHROPOLOGY.
*STUDENTS MAY ACCUMULATE TWO UNITS.
ANTH 450
           *1 UNIT
           *SECTION A: TO BE ANNOUNCED.
           *SECTION A: TO BE ANNOUNCED.

*SECTION B: AMERICAN BLACK COMMUNITIES IN DEVELOPMENTAL PERSPECTIVE

*SECTION F: PROBLEMS IN MIDWESTERN PREHISTORY.

*SECTION J: PERUVIAN MESD-AMERICAN PACIFIC CONTACT.

*SECTION M: SOCIAL CHANGE IN LATIN AMERICAN COMMUNITIES.

*SECTION P: TO BF ANNOUNCED.

SECTION S: ANALYSIS OF THE CHRONICLE OF FRANCISO AVILA.
                 ARR
        05377
                                                                                                ROLLKMAN
                                           ARR
                                                                                                STEPHENS
         05423
                                           ARR
                                                                                                GIBBON
                                 *J
*M
*P
                                         ARR
ARR
ARR
ARR
         05393
                                                                                                LATHRAP, GROVE
        05407
05415
05369
                                                                                                WHITTEN
                                                                                                MCGREGOR
                                                                                                ZUIDEMA
        PREREQUISITE: CONSENT OF INSTRUCTOR.
           1 UNIT
        05431
                    LECT-DISC
                                              3 M W F
                                                                     109A D H
                                                                                               CUNNINGHAM
ANTH 460
         0 TH
               THEORIES AND METHODS IN ANTHROPOLOGY.
        05440
                                            730-930PM TU 209A D H
                    CONE
                                                                                               PLATH
ANTH 463 SEMINAR ON FIELD METHODS AND RESEARCH DESIGNS IN CULTURAL
          ANTHROPOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
           1 UNIT
        05458
                                              2-5 TU 109A D H
                                                                                              BUTTERWORTH
          9 READINGS IN ANTHROPOLOGY.
PREREQUISITE: ONE SEMESTER OF GRADUATE WORK IN ANTHROPOLOGY;
           CONSENT OF ADVISER .
           1/2 OR 1 UNIT
466 CONF
                                       ARR
                                                                                               STAFF
ANTH 490 INDIVIDUAL TOPICS IN ANTHROPOLOGY.
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05474 CONF ARR STAFF

PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 4 UNITS

THESIS RESEARCH. O TO 4 UNITS \*SECTION A IS FOR MASTERS THESIS AND SECTION B IS FOR DOCTORS THESIS.

05482 CONF \* A ARR STAFF 05491 CONF \*B ARR STAFF

#### ARABIC

DEPARTMENT OFFICE

309H D H

### COURSES FOR ADVANCED UNDERGRADUATES

2 ELEMENTARY APABIC, II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK
WEEKLY IN THE LANGUAGE LABORATORY.
PREREQUISTIE: APAB. 201. ARAB 202 5 HOURS OPEN TO FRESHMEN.

05504 LECT-DISC MTUW F 1.1 212 D K H ABDO

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ARAB 308 INTRODUCTION TO ARABIC LITERATURE, II. PREREQUISITE: ARAB. 304. 3 HOURS OR 1 UNIT 512 LECT-DISC 25512 1 MWF 212 DKH STAFF

#### ARCHITECTURE

### DEPARTMENT DEFICE

106 ARCH

IN THE CURRICULUM IN ARCHITECTURE, NORMAL COURSE PROGRESS IN SEQUENCE IS IMPERATIVE. STUDENTS FAILING TO COMPLETE ANY REQUIRED COURSE MORE THAN ONE SEMESTER LATER THAN THE TIME DESIGNATED IN THE CURRICULUM, ARE PROHIBITED FROM PROGRESSIVE REGISTRATION IN ARCHITECTURAL COURSES UNTIL THE DEFICIENCY IS CORRECTED.

### COURSES FOR UNDERGRADUATES

BASIC DESIGN STUDIO, 1. PREREQUISITE: ARCH. 100 OR REGISTRATION IN ARCH. 100. 3 HOURS

05521 MTUWTHE 8-10 206 F A B STAFF

ARCH 172 BASIC DESIGN STUDIO, II. PREREQUISITE: ARCH. 171.

3 HOURS

\*SECTION R IS FOR URBAN PLANNING STUDENTS ONLY.

\*SECTION & 15 FOR URBAN PLANNING STUDENTS UNLY.

\*SECTION S 15 FOR LANDSCAPE ARCHITECUTRE STUDENTS ONLY.

\*539 LAB B 10-12 MTUWTHF 206 FA B

\*5647 LAB C 1-3 MTUWTHF 206 FA B

\*5555 LAB D 3-5 MTUWTHF 206 FA B

\*5563 LAB \*R 1-3 MTUWTHF 206 FA B

\*5571 LAB \*S 1-3 MTUWTHF 206 FA B 05539 STAFF 05547 STAFF 05555 STAFF 05563 STAFF 05571 STAFF

99 UNDERGRADUATE OPEN SEMINAR.
\*\*MAY BE REPEATED. ARCH 199

\*0 TO 9 HOURS

CONF 05580 ARR B C D 05598 ARR CONF CONF CONF ARR 05601 05610 05628 ARR ARR STAFF STAFF STAFF STAFF FOREIGN

### COURSES FOR ADVANCED UNDERGRADUATES

OD SENIOR HONORS IN ARCHITECTURE.
FOR CANDIDATES FOR HONORS IN ARCHITECTURE.
PREREQUISITE: SENIOR STANDING IN ARCHITECTURE, A UNIVERSITY
GRADE-POINT AVERAGE OF 4.0 OR, IN SPECIAL CASES, APPROVAL BY THE ARC-I HEAD OF THE DEPARTMENT. \*STUDENTS MAY ACCUMULATE 6 HOURS WITH APPROVAL OF HEAD OF DEPARTMENT. \*3 HOURS 05636 CONF &CU ARR 05644 CONF &F ARR 05644

STAFF FOREIGN

PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.

3 HOURS

05652 LECT A 11 M W F 120 ARCH

ARCH 233 ARCHITECTURAL DESIGN, IV. PREREQUISITE: ARCH. 132; CREDIT OR REGISTRATION IN T. A. M. 150 OR 171. 3 HOURS 05661 LAB A 8-11 M 05679 LAB B 8-11 T

M W F 310 ARCH STAFF STAFF

**ARCH 234** ARCHITECTURAL DESIGN, V. PREREQUISITE: ARCH. 233.

3 HOURS
05687 LAB A 9-12 M W F 310 ARCH STAFF
05695 LAB B 9-12 TU TH S 310 ARCH STAFF

ARCHITECTURAL DESIGN, VI. PREREQUISITE: ARCH. 234.

5 HOURS
5709 LAB A 1-4 MTUWTHF 2CO ARCH 05709

STAFF

ARCHITECTURAL DESIGN, VII. PREREQUISITE: ARCH. 235. 5 HOURS

05717 LAB A 1 05725 LAB F ARR MTUWTHF 200 ARCH 1-4 STAFF FOREIGN

ARCH 241 41 BUILDING CONSTRUCTION, III. PREREQUISITE: ARCH. 142.

2 HOURS 7733 LECT A 4 TU TH 302 ARCH CLAYFON 05733

242 BUILDING CONSTRUCTION, IV. ARC 4

PREREQUISITE: ARCH. 241. 2 HOURS LECT

05741 8 TU TH 120 ARCH LANFORD Α

STRUCTURAL FLEMENTS.

PREREQUISITE: L. A. S. 141 OR PHYCS. 101; T. A. M. 172 OR 221.

3 HOURS LECT-DISC A
LAB A
LECT-DISC B
LAB B 05750 120 ARCH 100 ARCH 120 ARCH 100 ARCH CROUCH CROUCH CROUCH CROUCH 9-12 M W 8 M W 1-4 M W 05768 CROUCH

PREREQUISITE: ARCH. 245. ARCH 246

3 HOURS

LECT-DISC A 8 M W F 302 ARCH LEFFERS LAB A 8-11 TU TH 100 ARCH LEFFERS 05776

ARCH	247 STRUCTUPAL PLANNING. PREREQUISITE: ARCH. 257. 3 HOURS	
	05784 LECT A 11 M W F 302 ARCH 05792 LECT F ARR	SIMON FOREIGN
ARCH	256 BUILDING SANITATION AND ARCHITECTURAL ACQUISTICS. PREREQUISITE: JUNIOR STANDING IN ARCHITECTURE.	
	2 HOURS 05806 LECT A 4 M W 103 M H	MOYER
ARCH	257 REINFORCED CONCRETE THEORY. PREREQUISITE: ARCH. 246. 3 HOURS	
	05814 LECT A B M W F 100 ARCH 05922 LECT B 10 M W F 301 ARCH 05831 LECT F ARR	BRIGHTBIL BRIGHTBIL FOREIGN
ARCH	283 ARCHITECTURAL PRACTICE. PREREQUISITE: FIFTH YEAR STANDING IN ARCHITECTURE. 2 HOURS	
	05849 LECT A 9 M W 120 ARCH	CLAYTON
	COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES	
ARCH	300 INDEPENDENT STUDIES IN URBAN DESIGN. PREREQUISITE: ONE YEAR OF HISTORY OF ARCHITECTURE, OR HISTORY OF ART AND CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
	05857 CONF F ARR	FOREIGN
ARCH	312 GOTHIC ARCHITECTURE.  PREREQUISITE: ARCH. 211 AND 212, GR ART 111 AND 112, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
	05865 LECT A 9 M W F 302 ARCH	LAING
ARCH	315 ENGLISH AND AMEPICAN ARCHITECTURE. PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
	05873 LECT A 10 M W F 192 L H	GARNER
ARCH	316 ARCHITECTURE OF THE NINETEENTH AND TWENTIETH CENTURIES. PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
	05881 LECT A 4 M W F 120 ARCH	CREESE
ARCH	317 THE DEVELOPMENT OF CONTEMPORARY ARCHITECTURAL THOUGHT. PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, AND CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
	3 HOURS OR 3/4 UNIT 05890 LECT-DISC A 4-530 TU TH 226 COM W 05903 LECT-DISC F ARR	LAING FOREIGN
ARCH	337 ARCHITECTURAL DESIGN. PREREQUISITE: ARCH. 236, SENIOR STANDING IN ARCHITECTURE. 7 HOURS OR 2 UNITS	
	05911 LAB A 1-5 MTUWTHF 210 ARCH 05920 LAB F ARR	STAFF FORE IGN
ARCH	338 ARCHITECTURAL DESIGN. PREREQUISITE: ARCH. 337. 7 HOURS OR 2 UNITS	
	05938 LAB A 1-5 MTUWTHF 210 ARCH	STAFF

DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS.
PREREQUISITE: ARCH. 242 AND 257; REGISTRATION IN ARCH. 337 FOR GENERAL OPTION STUDENTS, OR CONSENT OF INSTRUCTOR. ARCH 344 2 HOURS \*SECTION A FOR GENERAL OPTION STUDENTS. STAFF 05954 STAFF THEORY OF STRUCTURES. ARCH PREREQUISITE: ARCH. 257 AND MATH. 142. 5 HOURS OR 1 1/2 UNITS 05962 LECT-DISC A 8 MTUWTHF 301 ARCH HORNBEAK 9-11 M W F 100 ARCH HORNBEAK ARCH 348 ADVANCED STRUCTURES.

PREREQUISITE: ARCH. 347, CREDIT OP REGISTRATION IN ARCH. 358. 5 HOURS OR 1 1/2 UNITS 1-3 M W 3-5 M W COY COY 05971 LECT-DISC A 301 ARCH 100 ARCH ARCH 358 ADVANCED REINFORCED CONCRETE.
PREREQUISITE: ARCH. 247, CREDIT OF REGISTRATION IN ARCH. 348. 3 HOURS OR 1 UNIT 1-3 TU TH 301 ARCH 3 TU TH 100 ARCH 05989 LECT-DISC A STAFF ARCH 379 URBAN HOUSING. PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT
05997 LECT-DISC A 1-3 M 302 ARCH JONES COURSES FOR GRADUATES ARCH 432 ARCHITECTURAL CRITICISM. PREREQUISITE: ARCH. 431 OR CONSENT OF INSTRUCTOR. 1/2 UNIT 06003 LECT-DISC A 403E ARCH FRANCESCATO ADVANCED ARCHITECTURAL DESIGN.
PREREQUISITE: BACHELOR'S DEGREE IN ARCHITECTURE (GENERAL OPTION)
OFFERED BY THE UNIVERSITY OF ILLINOIS OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS ARCH 435 \*ADDITIONAL HOURS TO BE ARRANGED. LAB MTUWTHF 403A ARCH 06011 Α \*1 STAFF ARCH 452 ADVANCED THEORY AND DESIGN OF STEEL STRUCTURES.

PREREQUISITE: ARCH. 348 OR CONSENT OF INSTRUCTOR. 1 UNIT 020 LECT-DISC A 8-10 M W 20A ARCH 06 02 0 SCHOUSBOE ARCH 454 ADVANCED STRUCTURAL DESIGN IN REINFORCED CONCRETE. PREREQUISITE: ARCH. 358 OR CONSENT OF INSTRUCTOR. 1 UNIT 06038 LECT-DISC A 10-12 20A ARCH STAFF ARCHITECTURAL PRACTICE AND THE CONSTRUCTION INDUSTRY.
PREREQUISITE: CONSENT OF INSTRUCTOR. ARCH 481 1/2 UNIT MAY BE TAKEN CONCURRENTLY WITH ARCH 491. 06046 LECT-DISC A 4-6 M 403E ARCH LEW IS ARCH 491 SPECIAL PROBLEMS IN ARCHITECTURAL ADMINISTRATION AND BUILDING CONSTRUCTION. PREREQUISITE: CREDIT OR REGISTRATION IN ARCH. 481. 1/2 TO 2 UNITS 06054 CONF LEWIS

SPECIAL PROBLEMS IN STRUCTURAL THEORY AND DESIGN. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 4 UNITS

8-10 TU TH 20A ARCH 1-3 M W F 20A ARCH 1-3 TU TH 100 ARCH 10-12 TU TH 20A ARCH SCHOUSBOE TANG AND SIMON STAFF 06062 06 971 LECT-DISC \*PD LECT-DISC \*SP 06089 06097 10-12 TANG

ARCH 494 4 SPECIAL PROBLEMS IN ARCHITECTURAL DESIGN.
PREREQUISITE: ARCH. 435 OR CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS

SECTION B: BUILDING SYSTEMS. SECTION R: SPECIAL RESEARCH. SECTION S: DESIGN STUDIO. CONF \*B ARR

06101 STAFF 403E ARCH CONE \*P ARR 06119 STAFF 06127 LAB \*5 ARR 403 ARCH STAFF

ARCH 496 SPECIAL PROBLEMS IN ARCHITECTURAL HISTORY. PREREQUISITE: 12 HOURS OF ARCHITECTURAL HISTORY OR CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS 06135 Δ ARR

CREESE. LAING

#### ARMY ROTC--SEE MILITARY SCIENCE

ART

DEPARTMENT OFFICE

MASTERPIECES OF ART.

143 F A B

COURSES IN ART APPRECIATION AND THE HISTORY OF ART

### COURSES FOR UNDERGRADUATES

INTRODUCTION TO RENAISSANCE AND MODERN ART.

PREREQUISITE: ART 111 OR CONSENT OF INSTRUCTOR FOR ART STUDENTS. ART 3 HOURS \*SECTION &1 IS AN HONORS SECTION. LECT L H THEATER M W F GAMB ILL 06143 Δ TH 207 FAB 207 FAB 06291 DISC \*8.1 4 2 06151 DISC 8 TH 06160 DISC 3 1 TH 326 D K H 5 06178 DISC 1 TΗ 2 C 7 FAR F 207 F A B 06186 DISC 8 06194 OZIC F 317A D K H 8 06208 DISC 207 F A 9 F 207 FA 06216 DISC 1 1 FA 06224 DISC 207 В FA 06232 DISC 10 9 W 207 R 06241 DISC 12 TH 207 FA В 06259 DISC 12 10 W 96 COM W 13 06267 DISC 207 FAB 11 W FAB F 207 06275 DISC 14 207 06283 DISC 15 3 F FAB ART ART APPRECIATION. PRIMARILY FOR NON-ART STUDENTS. 3 HOURS 06305 MCCABE LECT M W F 62 K M 116 MASTELL 2 HOURS 2 LECT A

TU TH

114 DKH

MCCABE

2

COURSES FOR ADVANCED UNDERGRADUATES DAPANESE ARTS WORKSHOP.
PREREQUISITE: SUPHOMORE STANDING. ART 2 HOURS 9-12 TU TH 107 F A B 06321 LAB Δ SATO LAB В 06330 COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 302 ART OF THE ANCIENT NEAR EAST.
PREREQUISITE: ART 306 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT
06348 LECT A 11-1230 TU TH ART 11-1230 TU TH 302 ARCH PERKINS ART GOTHIC ART. PREREQUISITE: ONE YEAR OF ART HISTORY OR CONSENT OF INSTRUCTOR. PREREQUISITE: UNC.
3 HOURS OR 3/4 UNIT 8 M W F LECT 06356 62 K M RAE ART 311 GERMAN AND AUSTRIAN PAINTING OF THE LATE NINETEENTH AND EARLY TWENTIETH CENTURIES. PREREQUISITE: ART 321 OR 322, OR CNE 300-LEVEL COURSE IN NINETEENTH-CENTURY PAINTING. NINETEENTH-CENTUR.
3 HOURS OR 3/4 UNIT. 06364 11 M W F 62 K M 314 NORTHERN RENAISSANCE ART.

PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT

06372 LECT A 1 M W F 62 K M ART 06372 LECT ART ITALIAN ART OF THE SIXTEENTH CENTURY.
PREREQUISITE: ONE YEAR OF HISTORY OF ART, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT. 06381 LECT 2 M W F 120 ARCH ART LATIN-AMERICAN ART. THE PREPERTY OF ART OF CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT

5399 LECT A 3 M W F 120 ARCH 06399 LECT 9 ITALIAN ART OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT ART LECT 06402 1.2 25 RECENT AMERICAN PAINTING AND SCULPTURE.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 OR 3/4 UNIT
06411 LECT A 8 TO TH 62 K M ART 06411 WELLER

45

327 JAPANESE ART.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR JUNIOR STANDING.

5 1 W 302 ARCH TU TH 302 ARCH

ART

3 HOURS OR 3/4 UNIT 06429 LECT A 06437 LECT B

### STUDIO COURSES PRIMARILY FOR NON-ART STUDENTS

### COURSES FOR UNDERGRADUATES

ART	105 1	NTRODUCTI	ON TO WATER	COLOR PA	INTING.			
			DENTS MAJOR					
	*2 HOU		COMULATE P	JOK HOURS	CKEUII.			- 10
	06445	LAB	Α	9-12	M F	106	F A B	
ART	107 E	LEMENTARY	DRAWING.					4.5
	FOR STI	JDENTS NO	T MAJORING 1 CCUMULATE FO	N ART.				41
	*2 HOU	RS MAI A	COMOLATE FO	IOK HOOKS	•			48
	06453	LAB	Α	2-5	TU TH	384	ARMORY	
ART	123 FI	JNDAMENTAL	S OF DRAFTI	NG AND DE	RAWING.			
	PREREQU	JISITE: CO	TUDENTS IN CONSENT OF IN	STRUCTOR	NAL THEKAP	Y AND HU	IME ECONOM	165.
	3 HOUR!	5						
	06461	LAB	Α	2-5	M W F	237	FAB	NOSNHOL
								1
ART	185 DE	SIGN, I.	185.					
	2 HOURS	5						
	06470 06488	LAB LAB LAB LAB	A B	10-12	M W F TU TH	155	ARMORY	RAUSHENBERGER
	06496	LAB	C			155	ARMORY	& STAFF
	06500	LAB	D	7-10PM	TU TH	155	ARMORY	
	06518	LAB	E	8-10	MWF	155	ARMORY	
ART	186 DE FOR NOM	SIGN, II.	185 -					1
	PREREQU	JISITE: AF	RT 185.					
	2 HOURS	1 4 0	Α	2 6	T T.	155	******	
	06526 06534	LAB	В	1-3	TU TH M W F	155	ARMORY	RAUSHENBERGER & STAFF
								,
			PROFESSIONA	L AND STU	DIO COURSE	ES		
								1
			COURSES F	OR UNDERG	RADUATES			3
APT	114 OR OPEN OR	LENTATION	I TO ART, II IDENTS IN TH	• E COLLEGE	OF FINE A	AND APPI	LED ARTS	AND
	IN HOME	ECONOMIC	S OPTION 1.					
	OR 120.	OR CONSE	NCURRENT RE	GISTRATIO	N IN ONE	OF ART 1	17, 118,	119,
	1 HOUR							
	06542	LECT	A	4	TU	112	G H	KOTOSKE
ART	117 DR	AWING . I.	DENTS IN TH	E COLLECT	OF STAF	NO ADD	150 4075	
	AND IN	HOME ECON	IOMICS OPTIO		UF FINE A	AND APPL	IED AKIZ	
	2 HOURS							
	06551 06569	L AB	A R	9-12 2-5	M F	370 370	ARMORY ARMORY	
						3,0		
ART	118 DR	AWING. II						
	OPEN ON	LY TO STU	DENTS IN TH		OF FINE A	AND APPL	IED ARTS A	AND AND
	IN HOME	ECONOMIC ISITE: AR	S OPTION 1.					
	2 HOURS		1111					
	06577		A	9-12	M F		ARMORY	
	06585 06593	L AB L AB	B C	9-12 9-12	TU TH	372 384	ARMORY ARMORY	
	06607	L AB L AB L AB	C D E	9-12	TU TH	384	ARMORY	
	06615 06623	L A B	E	2-5	M F	372	ARMORY	
	06631	LAB	G	1 -4 2 -5	TU TH M F	372 A	ARMORY	
	06640	LAB	н	1-4	TU TH	370		

APT	AND I	N HOME ECO	UDENTS IN T	HE COLLEGE ON 1.	OF FINE	AND APPI	LIED ARTS	
	2 HOU 06658	LAB	A B	9-12	TU TH	247	ARMORY	
	06666	LAB	В	1-4	TU TH	247	ARMORY	
APT	120 OPEN	DESIGN, II	UDENTS IN C	OLLEGE CE	FINE AND	APPLIED	ARTS AND	IN
	HOME PRERE	ECONOMICS QUISITE: A	OPTION 1. RT 119.					
	06674	L A B	A B	9-12 9-12	M F	386 386	ARMORY ARMORY	
	06691	LAB	C	2-5	M F	386	ARMORY	
	06712	LAB	E	2-5	M F	247	ARMORY	
	06721	LAB	F	9-12	M F	247	ARMORY E A R	
	06747	LAB	A B C D E F G H	9-12	W	247	ARMORY	
ART	121 2 HOLL	DRAWING TH	FORY.					
	06755	RS LAB LAB	Α	2-5 9-12	M F	235	F A B	WALLACE &
	06763	LAB	В	9-12	TU TH	237	F A B	STAFF
ART	122	DRAWING TH	EORY.					
	3 11011	n r						
	06771	LAB	A B	9-12 9-12	M F	235	FAB	WALLACE & STAFF
	06798	LAB	C	9-12	W	235	F A B	
	06801	LAB	A B C C D	1-4	W TU TH	235	F A B	
ART	125	LIFF DRAWII	NG, I. RT 113, 114					
	PRERE 2 HOU	QUISITE: AI	RT 113, 114	AND 118.				
	06810	LAB	B B	9-12 9-12	M F	219	F A B	HILSON & STAFF
	06836	LAB	C	2-5	M F	219	FAB	
	06852	LAB	E	2-5	TU TH	236	FAB	
	06861	LAB	F	9-12 2-5	W	219 219	FAB	
	06879	ŁAB	B C D E F G	7-10PM	TU TH	219	FAB	
ART	126	LIFE DRAWII	NG, II.					
	2 HOU	QUISITE: AF	(1 125.					
	06887	LAB	A	9-12	M F	219	FAB	HILSON
	06909	LAB	Č	2-5	M F	219	FAB	G STAFF
	06 91 7	LAB	D	2-5	TU TH	219	FAB	
	06933	LAB	E F	2~5 9~12	TU TH	240 219	FAB	
	06941	LAB	F G	2-5 7-1 0 P M	W TU TH	219	F A B	HILSON & STAFF
	00741	CHO	Ü	1 10111	10 111	217		
ART	129	ANATOMY, I	OT 118					
	2 HOU!	RS						
	06950	LAB	A	9-12	M F	236	F A B	BU S HM AN
ART	130	ANATOMY, 11	I.					
	06968	LAB	Α	9-12	M F	240	FAB	BUSHMAN
ART	131	ELEMENTARY	COMPOSITIO	N.	. AND 122			
	06976	LAB	A B	9-12 2-5	M F	9	F A B	KOTOSKE & STAFF
			.,	,	. ,	,		

ART	132 EL	EMENTARY	COMPOSITIO	IN.					
	2 HIURS	ISITE: AR	1 131.						
	06942	LAB	А	9-12	TU TH M F M F	209	E A	В	KOTOSKE
	07009	1 AB	B	9-12	M F	209	FA	B	& STAFF
	07017	LAB LAB	C	2-5	M F	209	FΔ	В	d Jimii
	07025	LAB		2-5 2-5	TU TH	9	FA	В	
	07033	LAB	E	9-12	TU TH	9	F A	В	
			C						
ART		SIGN WORK		INDUSTRIAL	DESTON C	1100 10111	LIM		
	PREREIL	ISITE: AR	T 118. 120	, AND 122,	OR CONSE	NT OF T	NCTD	HETOR.	
	3 HOURS	I JI II I A	1 1104 120	7 4100 1227	OK COMSE	14. 01 1	14316	OCTOR.	
		S TO BE A	RRANGED.						
	07041	LAB	A	*9-12	M F	32	FA	В	ZAGDRSKI
	07050	LAB	В	*9-12	TU TH	32	FA	8	ZAGORSKI
ART	134 DE	CTCN HORK	SHUB						
451	PRIMARI	LY FOR ST	UDENTS IN	INDUSTRIAL	DESIGN C	URRICUL	UM.		
		ISITE: AR		1.4000111111	0.0104 0	01.11.2000	0110		
	3 HOURS								
	*3 HOUR	S TO BE AL	RR ANGED.						
	07068	LAB	Δ	*9-12 *9-12	M F	32	F A	B B	ZAGORSKI
	07076	LAB	В	*9-12	TU TH	32	FA	В	ZAGORSKI
ART	141 ST	111 1755	7						
ART	bbeseon 141 21	ISTIF: FR	ESHMAN STA	NDING IN A	RT.				
	2 HJURS		JIMIN 314	IN A					
	07084	LAB	A	9-12	M F	336	FA	В	BRADSHAW
	07092	LAB	В	9-12	TU TH	336 336	FA	8	& STAFF
	27106	LAB	C	2-5	M F	336	FΑ	В	
	07114	LAB	D	2-5	TU TH	336 336	FA	В	
	07122	LAB	E	7-10PM	TU TH	336	F A	В	
ART	142 ST	HI LIEE.	II.						
A	PREREQU	ISITE: AR	Г 141.						
	2 HOURS								
	07131	LAB	Δ	9-12	M F	338			BRADSHAW
	07149	LAB	В	9-12	TU TH	338	FA	В	& STAFF
	07157	LAB	С	2-5 2-5	M F TUTH M F	338	F A	В	
	07165	LAB LAB LAB LAB	D	2-5	TU TH TU TH	338 338	FA	В	
	07173	LAB	E	7-10PM	10 IH	338	F A	В	
AP T	151 SC	ULPTURE,	Ι.						
	PREREQU	ISITE: AR	T 118, 120	, 122 OR A	RCH. 234.				
	2 HOURS								
	*SECTIO	N D OPEN I	DNLY TO ST	UDENTS IN	SCULPTURE	CURRIC	ULUM		e
	07181 C7190	LAB	A	9-12 9-12	M F	25	FA	9	FAGAN
	07203	LAB	C	9-12	IO IH	25	FA	B	& STAFF
	01205		C	2-5	W	25	FA	8	
	07220 07211	LA8 LAB	C *D E	7-10 PM	M F	25	F A	В	
	07211	LAB	E	7-10PM	TU TH	25	FA	В	
40.5	150	0 7.110 5							
ART	152 SC	ULPTURE, ISITE: AR	11.						
	2 HOURS								
	07238	LAB	A	2-5	M F	25	FA	В	FAGAN
	07246	LAB	В	2-5	TU TH	25	FA	В	& STAFF
	07254	LAB LAB LAB	c	7-10PM	TU TH TU TH	25			
AR T	161 CA	1110010	DECTOR						
ART				ANDING IN	AD T				
	2 HULLES		HUMUNE 31						
	07262	LAB	A	9-12	TU TH	327	FA	В	MOORE
	07271	LAB LAB	В	2-5	TU TH M F	245	FA	В	& STAFF
407	142	*******	255.154						
ART	162 LE			AND INC. IC	ADT				
	2 HOURS		FINITURE SI	ANDING IN					
	07289	L AB	Δ	9-12	M F	245	FΔ	В	MOORE
	07297	LAB	В	7-10PM	TU TH	319	FA	В	& STAFF
	07301	LAB	C	2-5	TU TH	319			

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184 - FREEHAND DRAWING, IV.
PREREQUISITE: ART 183. PRIMARILY FOR STUDENTS IN ARCHITECTURE.
          2 HOURS
                                            1-3 M W F
3-5 M W F
                                                                   201 SURV BLDG
202 SURV BLDG
                    LAB
                                  В
        07327
          RECREATIONAL CRAFTS, I.

PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.

PREREQUISITE: SOPHOMORE STANDING OF CONSENT OF INSTRUCTOR.

*CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.

*2 HOURS
     190
AR T
        07335
                                            10-12
                                                                    107 F A B
          RECREATIONAL CRAFTS, II.

PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.

PREREQUISITE: ART 190.
ADT
       191
           2 HOURS
                                           10-12 M W F
        07343
                    FAR
                                  Α
                                                                   107 F A B
ART
       192 METALWORK AND JEWELRY, I.
          PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
                                             2-5 TU TH 212 D K H
7-10PM TU TH 24 D K H
          2 HOURS
        07351
                           B
C
D
        07360
                     LAB
        07378
                     LAB
        07386
                     LAB
        PREREQUISITE: ART 192.
ART
          2 HOURS
                             A
        07394
                     LAB
                                            9-12 TU TH
                                                                     24 D K H
AR i
                POTTERY, I.
        PREREQUISITE: SUPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
           2 HOURS
           *SECTIONS B AND E OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM
               LAB A 2-5 M F 152 N E L

LAB C 2-5 TU TH 152 N E L

LAB C 2-5 TU TH 152 N E L

LAB C 2-5 TU TH 152 N E L

LAB C 2-5 TU TH 152 N E L

LAB D 7-10PM TU TH 152 N E L

LAB *E 9-12 W 152 N E L

*E 7-10PM W 152 N E L
        07408
        07432
        07416
        07424
        07441
     195 POTTERY, II.
ART
         PREREQUISITE: ART 194.
           2 HOURS
           *SECTION B AND E OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM.
                07459
        07483
        07467
        07467
        07491
        99 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
AOT
          *0 TO 9 HOURS
        07505
                  CONF
                               A ARR
                             COURSES FOR ADVANCED UNDERGRADUATES
ART
               SENIOR HONORS IN ART.
           PREREQUISITE: SENIOR STANDING IN ART, UNIVERSITY GRADE POINT AVERAGE OF 4.00, AND APPROVAL OF CURRICULUM ADVISOR AND
           HEAD OF DEPARTMENT.
           *MAY BE REPEATED FOR A TOTAL OF 5 HOURS
           *2 TO 5 HOURS
                     LAB-DISC &A
        07513
                                         ARR
                                                                    1398 F A B
                                                                                            MICKS
          WATER COLOR, I.
PREREQUISITE: ART 118 AND 120.
ART
          2 HOURS
                                         2-5
        07521
                     LAB
                                  Α
                                                       TU TH 209 F A B
```

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202 WATER COLOR, II.
ART
         PREREQUISITE: ART 201.
          2 HOURS
                                         2 -5
                                                  TU TH
                                                             209 F A B
        07530
                   1 48
ART
              ART EDUCATION LABORATORY.
        FOR NON-ART STUDENTS ONLY.
PREREQUISITE: JUNIOR STANDING.
CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.
          2 HOURS
        07548
                    LAB
                                          8-10
                                                               107
        07556
                   LAB
                                         1-3
                                                               106
                                                                    FAB
                               B
                                                      M
        0.7564
                   LAR
                                          3-5
                                                  М
                                                         F
                                                                    FAB
                               r
                                                     W
                                                               106
                               Ð
                                                                    FAB
        07572
                                          9-12
                                                   TU TH
                   1 AB
                                                               107
       07581
                   IAR
                               F
                                          3-5
                                                               107
ART
           ART EDUCATION LABORATORY.
         PREREQUISITE: ART 132 OR JUNIOR STANDING.
          2 HOURS
       07599
                                                   TU TH
                                                              106 F A 8
ART
               CREATIVE ART FOR CHILDREN.
      206
        PREREQUISITE: JUNIOR STANDING IN ART EDUCATION OR CONSENT OF
          INSTRUCTOR.
          3 HOURS
         #1 HOUR TO BE ARRANGED.
        07602
                   LECT
                          0
                                                               133
        07611
                   LAB
                                Α
                                          8-10
                                                          S
                                                               106
                                                                    FAB
                                                                    F A B
                                Δ
                                          8-10
                                                               107
       07629
                                         10-12
                   LAB
                                                               106
                                В
                                         10-12
                                                               107
        OB ORGANIZATION OF PUBLIC SCHOOL ART PROGRAMS.

PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
ART
         3 HOURS
       07637
                   LECT
                                                  M W F
                                                              133 F A R
              BASIC PHOTOGRAPHY . I.
ART
         SUPPLIES COST APPROXIMATELY $40. STUDENTS MUST FURNISH A 2 1/4 X
          2 1/4 CAMERA.
          PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
          3 HOURS
                                       *9-10 M W F
*9-12 TU TH
*7-10PM TU TH
*3-5 M
          *THREE HOURS TO BE ARRANGED
       07645 LAB A
07653 LAB B
                                                                    FAB
                                                               335
                                                                                     PARKER
                                                               335 F A B
                                                                                    NAMETH
                                                              335 F A B
       07661
                   LAB
                               C
                                                                                     SINSABALIGH
       07670
                   LAB
                               D
                                                                                     PARKER
ART
              BASIC PHOTOGRAPHY, II.
         SUPPLIES COST APPROXIMATELY $40.
PREREQUISITE: ART 215.
          *STUDENTS MAY ACCUMULATE 6 HOURS WITH CONSENT OF INSTRUCTOR.
         *3 HOURS
         IT IS RECOMMENDED THAT ART 216 BE TAKEN NO LATER THAN ONE SEMESTER AFTER COMPLETION OF ART 215.
         *SECTION C OPEN ONLY TO STUDENTS REPEATING ART 216
          THREE HOURS TO BE ARRANGED.
       07696
                 LAB A 10-12
LAB B 2-5
                                                     W F
                                                              335 F A B
335 F A B
                                                                                    PARKER
        07700
                                         2 -5
                                                   TU TH
                                                                                    SINSABAUGH
                                     ARR
                                                               132 F A B
       07688
                   LAB
                              *C
                                                                                     PARKER
ART
              INTERMEDIATE DRAWING. I.
        PREREQUISITE: JUNIOR STANDING IN ART.
         2 HOURS
                                         9-12 TU TH
2-5 M F
                                                              236 F A B
236 F A B
236 F A B
       07718
                   IAB
                               Δ
       07726
                                         2-5
                   LAB
                               В
                                         7-10PM
                                                  TU TH
       07734
                   LAB
                               C
AR T
              INTERMEDIATE DRAWING, II.
        PREREQUISITE: ART 225.
         2 HOURS
```

7-10 PM

9-12 TU TH 2-5 M F 7-10 PM TU TH

240 F A B 240 F A B

240

07742

07751

07769

LAB

LAB

LAB

Α

B C

ART	231 INT PREREQUI 3 HOURS								
	07777 07785	LAB LAB	A 8	9-12 2-5	M W F	324 F 324 F	A 8 A B		
ART	232 INT PREREQUI 3 HOURS								
	07793 07807	LAB LAB	A B	9-12 2-5	M W F	324 F 324 F	A B		
ART		SITE: ART 2	32.						
	3 HOURS 07815	LAB	Α	9-12	TU TH	308 F	A B		
	07823	1.49	A B B	2-5	W TH TH	308 F	A B		
	01023	CAU	В	2-5	TU TH W TU TH W	308 F 308 F 318 F 318 F	A B		
ART	3 40110.5	SITE: ART 2	33.						
	07831	LAB	A	9-12	TU_TH	308 F	AB		
	07831 C7840	LAB	В	2-5 9-12	W TU TH	308 F	A B		
			В	2-5	TU TH W TU TH W	318 F	A B		
ART	243 FIG PREREQUI 2 HOURS	URE PAINTIN SITE: JUNIO	G. I. R STANDIN	G IN ART	•				
	07858	LAB	A	9-12	TU TH	324 F	A B		
	07874	LAB	C	7-10PM	TU TH TU TH TU TH	324 F	A B		
ART	244 FIG PREREQUI 2 HOURS	SITE: ART 2	43.						
	07882 07891 07904	LAB LAB LAB	B C	9-12 2-5 7-10 PM	TU TH TU TH TU TH	324 F 324 F 324 F	A B A B A B		
ART	245 ADV PREREQUI 3 HOURS	SITE: ART 2	26 AND 24	4.					
	07912	LAB LAB	A	9-12	M W F	308 F	A B		
						318 F	АВ		
ART	2 110110.6	SITE: ART 2	45.						
	07939	LAB LAB	В	9-12	M W F	308 F	A B		
ART	#2 HOUDS	SITE: JUNIO REPEATED FO	R STANDIN		AND CONSEN T SEMESTER	T OF IN	STRUCT	DR •	
	07955	LAB-DISC	A ARI	R		139B F	A B		WICKS
	07963 07971	LAB-DISC LAB-DISC LAB-DISC	B AR	R R		1398 F 1398 F	A B A B A B		WICKS WICKS
ART		SITE: ART 1	52.						
	07980	LAB	A	2-5	M F	25 F	A B		
	08004	LAB	C	7-10PM	M F TU TH TU TH	25 F	A 8		
ART	2 HOURS	SITE: ART 2	51.						
	0801 <i>2</i> 08021	LAB	Ж В С	2-5	M F	25 F	A B		
	08021	LAB LAB LAB	C	7-10PM	M F TU TH TU TH	25 F	A B		

A P T	253 IN	TERMEDIATE	SCHI PTHRE	. т.					
41		TERMEDIATE ISITE: ART							
	08047	LAB	A	2-5	M F	25	F	A 8	
	08063	LAB LAB LAB	C	7-10PM	TU TH	25	F	A 8	
RT	254 IN	TERMEDIATE	SCULPTURE	, II.					
	2 1101105								
	08071	LAB	A	2~5	M F	25	F	A B	
	08098	LAB LAB LAB	c	7-10PM	TU TH	25	F	A B	
RT	255 SC	ULPTURE MAT	ERIALS AND	D TECHNIQ	UES, I.	SCIII PTII	DF.		
	3 HOURS					3002.70			
	*THREF	HOURS TO BE	ARRANGED.	*2_6	м с	25	_	A D	
	08110	LAB LAB	8	*2-5	TU TH	25	F	4 B	
	08128	LAB	С	*7-10 PM	TU TH	25	F	A 8	
PT	PREREQU 3 HOURS	ULPTURE MAT ISITE: ART	255.		UES, II.				
	*THREE	HOURS TO BE	ARR ANGED	*2.5		2.5	-		
	08136	LAB	A P	*2-5	m F	25	F	A B	
	08152	LAB LAB	Ċ	*7-10PM	TU TH	25	F	A B	
₹T	PREREQU	VANCED SCUL ISITE: ART	254.						
	08161	LAB	A	2-5	M F	25	F	4 8	
	08179 08187	LAB LAB LAB	B C	2-5 7-10PM	TU TH	25 25	F	A B	
R <b>T</b>	PRESECU	VANCED SCUL ISITE: ART	PTURE, II. 257.						
	2 4/0//06								
	08195	LAB	A B	2-5	M F	25 25	F	A B	
	08217	LAB LAB LAB	č	7-10PM	TU TH	25	F	4 8	
ī	PREREQU 3 HOURS	VANCED SCUL ISITE: ART	256.		D TECHNI	QUES, I.			
	*THREE	HOURS TO BE	ARRANGED	*2-5	и с	25	c .		
	08233	LAB LAB LAB	В	*2-5	TU TH	25	F	B	
	08241	LAB	С	*7-10PM	TU TH	25	F	В	
	PREREQU 3 HOURS		259.		D TECHNI	QUES, II			
	*THREE	HOURS TO BE	ARR ANGED.	*2-5	м г	25		A D	
	08268	LAB LAB	В	*2-5	TU TH	25	FA	A B	
	08276	LAB	С	*7-10 PM	TU TH	25	FA	В	
T	FIELD T 2 HOURS	PRODUCTION ISITE: JUNI RIPS REQUIR	OR STANDIN						
	08284	LAB	A	9-12	TU TH	319	FA	В	
T	PREREQU 2 HOURS	LEVISION GR ISITE: SENI	OR STANDIN						
	08292 08306	L A B	Α	9-12 2-5	TU TH	245	FA	В	
	08306	LAB	В	2-5	TU TH	245	FA	В	

ART	265 GRAPHIC DESIGN, I.  PREREQUISITE: ART 161 AND 162 FOR GRAPHIC DESIGN MAJORS; JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR FOR CTHERS. 3 HOURS #THREE HOURS TO BE ARRANGED.											
	08314	LAB	A	*2-5	М	W		229	F	Α	В	
ART	3 HOURS	JISITE: AR	T 265.									
	*THREE 08322 08331	LAB	BE ARRANGE A B	D• *9-12 *2-5	M M	W		31 9 327	F	A	8 8	
ART	3 HOURS	JISITE: AR	T 266.									
	08349 08357	L A B L A B	A B	9-12 2-5	М	M	F	327 319	F	A	В	
ART	3 HOURS	ISITE: AR	267.									
	08365 08373	L A B	A B	9-12 2-5	M	M	F	327 319	F	A	B B	
ART	3 HOURS	JISITE: AR	Г 134.									
	08381	LAB	A	2-5	M	W	F	20 3.2	F	A	B	PRICE
	08390	LAB	A A B B	2-5 2-5 9-12 9-12	M	W	F	20	F	A	8 8	PRICE
ART	272 MA PREREQU 3 HOURS	ISITE: AR										
	08403	LAB	A	2-5 2-5 9-12 9-12	M	W	F	20 32				PRICE
	08411	LAB	A B	9-12	M	W	F	20 32				PRICE
			В		M	W	F	32	F	А	В	
ART	FIELD T	RIP REQUIR	134. RED.									
	08420 08438	LAB LAB	A B	9-12 2-5	M	W	F	40 40	F	A	В	
ART	276 IN PREREQU FIELD T 3 HOURS	ISITE: ART	275.	•								
	08446 08454	LAB LAB	A B	9-12 2-5	M	W	F	40 40	F	A	B B	
ART	277 AD PREREQU 5 HOURS	ISITE: ART	276.									
	08462	LAB	A A	9-12 2-5	T	UT	H S H	12 12	F	A	8 B	MCFARLAND
ART	278 AD PREREQU 5 HOURS	ISITE: ART	277.									
	08471		A	9-12 2-5	T	UT	H S	12	F	A	B B	SAUNDERS

ART	281 FRE	EHAND DRAWI	NG, V.					
	2 HOURS							
	08489	LAB	A	1 -4	TU TH	201	SURV BLDG	BRITSKY
	08497	LAB	В	9-12	TU TH	201	SURV BLDG	& STAFF
	08501 08519	LAB	0	9-12	TUTH	104	SOKA BEDG	
	08527	LAB LAB LAB LAB LAB	E	1-4	TU TH	104	SURV BLDG	
	08535	LAB	F	9-12	TU TH	202	SUR V BLDG	
ART	282 FRE							
		SITE: ART 2	81.					
	2 HOURS	LAB	Α	1 - 4	TH TH	201	SIRV BIDG	BRITSKY
	08551	LAB	B	9-12	TU TH	201	SURV BLDG	& STAFF
	08560	LAB	C	1-4	TU TH	229	F A B	
	08578	LAB	D	9-12	TU TH	104	SURV BLDG	
	08586	LAB	E	1-4	TU TH	202	SURV BLDG	
	08594	LAB	F	9-12	IU TH	229	SURV BLDG SURV BLDG F A B SURV BLDG SURV BLDG F A B	
ART	283 PR I	NTMAKING, I						
	PREREQUI	SITE: JUNIO	R STAND	ING IN ART	OR CONSEN	T OF I	STRUCTOR.	
	2 HOURS							
	08608	LAB	A	2-5	M F	GRAD S	TUDIO	ROWAN
	08616	LAB LAB	В	2-5	10 18	GKAD :	10010	& STAFF
ART	284 PR I	NTMAKING, I	Ι.					
	PR ER EQU I	SITE: ART 2	83.					
	2 HOURS							
	08624 08632	LAB	A B	2+5	M F	GRAD S	OIOUTS	ROWAN & STAFF
	08632	LAB	В	2-5	10 18	BRAU :	310010	G STAFF
ART	285 LIT	HOGRAPHY, I						
		SITE: JUNIO	R STAND	ING IN ART	OR CONSEN	T OF I	ISTRUCTOR.	
	2 HOURS		Α	0.12	T14 T11	1.02	SURV BLDG	DOWELL
	08641	LAD	А	9-12	tu in	103	SOK & BEDG	DOMELL
ART		HOGRAPHY, I						
		SITE: ART 2	85.					
	2 HOURS			2.5	T11 T11	1.02	SURV BLDG	DOUELL
	08659	LAD	Α	2=5	10 In	105	ZOKA PEDG	DOWELL
ART	290 CER	AMIC RAW MA	TER IALS					
				, 142, JUN	IOR STANDI	NG IN (	CURRICULUM IN	
		ERAMIC EMPH	ASIS.					
	2 HOURS 08667	LAB	A	0-13	м с	162	N E I	
	00001	LAD	А	9-12	м г	1 72	14 C C	
ART		ZE CALCULAT						
		SITE: L. A.				OR STAP	NDING IN	
		.UM IN CRAFT	S-CERAM	IC EMPHASI	5.			
	2 HOURS 08675	LAB	Δ	9-12	M F	152	N F I	
	,							
ART		RODUCTION T						
		ISITE: JUNIO		ING IN CUR	RICULUM IN	CRAFT	5.	
	3 HOURS 08683	LAB LAB	Α.	9-12	M W F	24	ркн	
	08691	LAB	В	2-5	M W F	24	DKH	
	00071	2.10	5	2 /				
ART		ELOPMENT OF		DESIGN IN	JEWELRY.			
	3 HOURS	SITE: ART 2	92 •					
			A	ARR		24	DKH	
	08703	LAD		MININ		2 1		
ART		RAMIC DESIGN						
		SITE: JUNIO	R STAND	ING IN CUP	RICULUM IN	CRAFTS	•	
	3 HOURS 08713	LAB	A	ARR		152	NEL	
	00.13	CMD	м			1,72		
ART		RAMIC DESIGN						
		ISITE: ART 2	94.					
	3 HOURS 08721	LAB	А	ARR		152	NEL	
	00121	LAD	м	-1/1		192		

DECORATIVE METAL TECHNIQUES. PREREQUISITE: ART 293.
5 HOURS 08730 LAB A 9-12 MTUWTHE 24 DKH 297 CONSTRUCTION OF HOLLOW AND FLATWARE IN SILVERSMITHING. ART PREREQUISITE: ART 296.
5 HOURS C8748 LAB 9-12 MIUNTHE 24 D K H 298 CERAMIC DESIGN, III.
PREREQUISITE: ART 295. ART 5 HOURS 08756 1 AB 9-12 MTUWTHE 152 N F I ART CERAMIC DESIGN, IV. PREREQUISITE: ART 298.
5 HOURS 9-12 MTUWTHF 152 N E L COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 380 DRAWING.

PREREQUISITE: CONSENT OF INSTRUCTOR. FOR GRADUATE STUDENTS. ART CONSENT OF DEPARTMENT ALL 2 HOURS, OR 1/2 TO 1 UNIT ARR ARR LAB B ARR 08772 08781 PAINTING.

PREREQUISITE: ART 142 OR EQUIVALENT, FOR GRADUATE STUDENTS,

PREREQUISITE: ART 142 OR EQUIVALENT, FOR GRADUATE STUDENTS, ART CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES FOR M. F. A. IN PAINTING. \*COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS. \*2 TO 4 HOURS, OR 1/2 TO 1 UNIT 08799 LAB 136 F A B PAINTING MATERIALS AND TECHNIQUES . PREREQUISITE: ART 142 OR GRADUATE STANDING IN ART. PREREQUISITE: ANI
2 HOURS OR 1/2 UNIT 28802 LAB 7-10PM TU TH 229 F A B 383 PRINT MEDIA.

PREREQUISITE: ART 284 OR EQUIVALENT. FOR GRADUATE STUDENTS,

CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES ART FOR M. F. A. IN PAINTING. 2 HOURS, DR 1/2 TO 1 UNIT 08311 LAB A ARR 08829 LAB B ARR ROWAN GRAD STUDIO GRAD STUDIO ROWAN 5 LITHOGRAPHY.
PREREQUISITE: ART 286 OR, FOR GRADUATE STUDENTS, CONSENT OF ART DEPARTMENTAL GRADUATE COMMITTEE. 2 HOURS, OR 1/2 TO 1 UNIT 08837 103 SURV BLDG DOWELL 387 PHOTOGRAPHY.

PREREQUISITE: ART 216 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED FOR A TOTAL OF 6 HOURS OR 2 UNITS. ART \*MAY BE REPEATED TO 1 UNIT

\*3 HOURS OR 1/2 TO 1 UNIT

ARR 132 F A B SINSABAUGH 08845 LAB ART CINEMATOGRAPHY. PREREQUISITE: ART 215 AND CONSENT OF INSTRUCTOR.
\*STUDENTS MAY ACCUMULATE 6 HOURS OR 2 UNITS. \*3 HOURS, OR 1/2 TO 1 UNIT 08853 LAB A 08861 LAB B 2-5 TU TH 207 F A B 7-LOPM TU TH 207 F A B NAMETH NAMETH ART ADVANCED SCULPTURE TECHNIQUES . PREREQUISITE: ART 252 OR EQUIVALENT. 2 HOURS, OR 1/2 TO 1 UNIT 08870 LAB A 25 F A B

GALLO

ART	392 SIL	VERSMITHING SITE: CONSE	, I.	TOUCTOR						
	2 HOURS,	DR 1/2 TO LAB LAB	1 UNIT	STRUCTUR						
	09888	LAB	A	9-12	M	F 2	4 [	KH		V. NEUMANN V. NEUMANN
	08990	LAD	В	2-5	m	r 2	. 4	) K H		V. NEUMANN
ART	393 511	VERSMITHING	. 11.							
QIV.	PREREQUI	SITE: CONSE	NT OF INS	STRUCTOR.						
	2 HJURS,	OR 1/2 TO LAB	1 UNIT	2			2	КН		V.NEUMANN
	1,0 7(1)	LAU	н нг			4	· - L	) К П		V - INC UMANIN
AFT	3 94 CER	AMIC DESIGN								
AF 1	PREKEDIT	SITE: ART 2	95 DR COM	NSENT OF	INSTRUC	TOR.				
	2 TO 4 H	LAB	2 TO 2 UN	VITS		15				FRITH
	0 710	CMB	A A!			1.	, ,	4 C E		181111
			COLL	RSES FOR	CPADUAT	EC				
			000	1363 101	OF ADOM!	L3				
ART	452 SEM	INAR IN CHI	NESE ART							
200-1	PRERFQUI	SITE: ART 3	28, DR CO	NSENT OF	INSTRU	CTOR.				
	1 UNIT 08926	CONF		2 R				ARCH		MUNAKATA
	08 72 0	CDIAL	A AT			40	, ,	anc n		MUNAKATA
ART	454 SEM	This Date Asic	TENT ADT							
AFI	PREREQUI	SITE: AT LE	AT CHE OF	THE FOL	LOWING:	ART 30	)4,	305,	306,	
	307, OR 1 UNIT	FQUIVALENT.								
	08934	CONF	A AR	R.		40	)1 /	ARCH		PERKINS
ART	467 GRA	PHIC DESIGN	LABORATE	JRY.						
	PREREQUI	SITE: ENROL NT OF THE D	LMENT IN	THE M. F	A. PR	OGRAM 1	N GF	RAPHIC	DESIGN,	
	1 TO 3 U	NITS	EFARIMENI	IAL GRADO	MIE COM					
	08942	LAB	A AR	R		506	S .	MATHE	WS	
	08969	NITS LAB LAB LAB	C AF	R		506	5.	MATHE	WS	
ART	477 IND PREREQUI DESIGN C	USTRIAL DES	IGN LABOR	RATORY.						
	PREREQUI	SITE: ENROL	LMENT IN	THE M. F	. A. PR	OGRAM I	N IN	NDUS <b>T</b> F	RIAL F	
	1 TO 3 U	4 ITS			2.11.712					
	08977 C8385 08993	LAB	A AF	₹ R ₹ R				MATHE		
	08993	R THE CONSE NITS LAB LAB LAB	C AR	R		506	S.	MATHE	WS	
ART	491 SPE	CIAL PROBLE	MS.							
	09000	UNITS LAB LAB	A AF	R		GRA	LD S1	OIGU		
	C9018	LAB	B AR	RR		GR A	D ST	OIGUT		
ART	492 IND	IVIDUAL REA	DINGS IN	HISTORY	OF ART.					
	1/2 TO 1	SITE: CONSE								
	SECTIONS	A AND B MA			ANEOUSL	Y. REGI	STR	MOITA	ALLOWED	
	09026	SECTION IS CONF	A AF	RR.						
	09034	CONF	В Ан	R						
ART	493 SEM	INAR. SITE: GRADU	ATE STANK	ING IN A	RT.					
	1 UNIT	JIIL ONADU	AIC STANL	JING IN A	11/1 0					
	09042 09051	CONF CONF	A B	7-10PM 7-10PM 7-10PM	M TH	13	3 F	A B		GUNTER
	09069	CONF	C	7-10PM	М	13	3 F	A 8		HARDIMAN
ART	494 SEM CRI PREREQUI	INAR: STUDI	ES IN THE	DEVELOR	MENT OF	ART HI	STOR	RY AND	)	
	PREREQUI	TICISM. SITE: CONSE	NT OF INS	TRUCTOR-						
	1 UNIT	CONF								
	09077	CONF	A AF	R						

PAINTING LABORATORY.

PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN PAINTING AND PRINTMAKING, OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE. ART STINU E CT S/1

09085 LAB

ART SCULPTURE LABORATORY.

PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN SCULPTURE, OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.

1 TO 3 UNITS

ART SCULPT

ART 497 PRINT WORKSHOP.

PREREQUISITE: GRADUATE STANDING IN ART.

1/2 TO 3 UNITS

LAB 09107 GRAD STUDIO 103 SURV BLDG 09115 LAR R ARR

THESIS RESEARCH. ART

PREREQUISITE: FULL GRADUATE STANDING IN HISTORY OF ART.

O TO 4 UNITS

09123 CONF ARR В 09131 CONF ARR

## ASIAN STUDIES

DEPARTMENT OFFICE

201, 1208 W. CALIFORNIA

AN UNDERGRADUATE MINOR IN ASIAN STUDIES IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES REQUIRES AT LEAST TWENTY SEMESTER HOURS. THE
TWENTY HOURS MUST INCLUDE ASIAN STUDIES 202 AND THE REMAINDER
DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR CREDIT MAY NOT BE INCLUDED WITHIN THE TWENTY HOURS FOR THE MINOR. IT IS ADVISABLE EITHER TO INCLUDE IN THE MINUR, OR TO ACCOMPANY THE MINOR WITH, ONE OF THE 201-202 ASIAN LANGUAGE SEQUENCES OFFERED. BURNESE, ONE OF THE 201-202 ASIAN LANGUAGE SEQUENCES OFFERED BY CHINESE, INDONESIAN, JAPANESE, KOREAN, AND PERSIAN ARE OFFERED BY THE CENTER FOR ASIAN STUDIES. HINDI, APAPIC AND MODERN HEBPFW ARE GIVEN IN THE DEPARTMENT OF LINGUISTICS. STUDENTS INTENDING TO MINDR IN ASIAN STUDIES SHOULD NOTIFY THE CENTER OFFICE.

A CANDIDATE FOR A MASTER'S DEGREE WHO ELECTS ASIAN STUDIES AS A MINDR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN AT LEAST THO DEPARTMENTS FROM THE COURSES LISTED BELOW.

A DOCTORAL CANDIDATE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMNETS FROM THE COURSES LISTED BELOW. ALSO THE DOCTORAL CANDIDATE MUST, PRIOR TO THE COMPLETION OF HIS COURSE REQUIREMENTS FOR THE DEGREE, COMPLETE SATISFACTORILY ONE OF THE FOLLOWING: ARABIC 304, BURMESE 304, CHINESE 304, HINDI 304, INDONESIAN 304, JAPANESE 304, OR EQUIVALENT.

THE COURSES CHOSEN FOR THE GRADUATE MINOR MUST BE IN DEPARTMENTS OUTSIDE THE CANDIDATE'S MAJOR.
STUDENTS SHOULD BE ADVISED TO CONSULT WITH THE CENTER OFFICE FOR

OTHER COURSES THAT MAY BE ACCEPTABLE FOR CREDIT TOWARD THE MINOR.

STUDENTS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF EAST, SOUTHEAST, SOUTH, AND MIDDLE EAST ASIAN AFFAIRS AND CULTURES ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR AND FACULTY MEMBERS OF THE CENTER FOR ASIAN STUDIES IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. CENTER IS DESIGNATED A NATIONAL DEFENSE EDUCATION ACT (N.D.E.A.). LANGUAGE AND AREA STUDIES CENTER. THE DIRECTOR IS PROFESSOR ROBERT B. CRAMFORD, ASSOCIATE DIRECTOR IS G. L. TIKKU, ROUM 201, 1208 WEST CALIFORNIA, URBANA.

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* ONLY	THE S	SECTIO	INS CI	FAL INC	HITH C	ASIA ARE	APPLIC	ABLE.			

## COURSES FOR ADVANCED UNDERGRADUATES

AS ST 202 INTERDISCIPLINARY PRO-SEMINAR IN ASIAN STUDIES.

PREREQUISITE: CONSENT OF INSTRUCTOR.

4 HOURS

4 HOURS 09140 CONF 130-3 TU T

130-3 TU TH 140 L H CRAWFORD

AS ST 295 READINGS COURSE.

PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 4 HOURS

OPEN TO FRESHMEN.
09158 CONF ARR

## COURSES FOR GRADUATES

AS ST 450 SEMINAR IN ASIAN STUDIES.

PREREQUISITE: CONSENT OF INSTRUCTOR.

\*AMAY BE REPEATED UP TO 3 UNITS.

\*1 UNIT

THIS COURSE WILL BE TAIGHT WITH MIST

THIS COURSE WILL BE TAUGHT WITH HIST. 409 AND ART 452. 09166 LECT-DISC 1-3 TU TH 94 COM W

UNNO, EIDE

AS ST 490 INDIVIDUAL STUDY AND RESEARCH IN SPECIAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 3 UNITS
09174 CONF ARR

## ASTRONOMY

DEPARTMENT OFFICE

103 OBSERV

MAJOR: TWENTY HOURS IN ASTRONOMY EXCLUDING ASTRONOMY 101. PHYSICS COURSES AT THE 300-LEVEL MAY BE SUBSTITUTED FOR ASTRONOMY COURSES TO THE EXTENT OF SIX HOURS AS PART OF THE MAJOR.

MINDR: TWENTY HOURS WHICH MUST INCLUDE PHYSICS 106, 107, AND 108. THE REMAINING EIGHT HOURS MAY BE TAKEN IN PHYSICS OR IN ONE OF THE FOLLOWING SUBJECTS: CHEMISTRY, GEOLOGY, MATHEMATICS, PHILOSOPHY. IF TWO SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN FACH.

INDIVIDUAL INSTRUCTION IS PROVIDED FOR SUPERIOR UNDERGRADUATE STUDENTS AT HOURS TO BE ARRANGED.

## CCURSES FOR UNDERGRADUATES

ASTR	101 DESCRIPT	I VE ASTRONOMY .			
	NOT OPEN TO S	TUDENTS WHO HAVE	HAD TWO O	R MORE SE	MESTERS OF COLLEGE
	PHYSICS.				
	*CREDIT IS NO	T GIVEN TO STUDE	NTS WITH C	REDIT IN	ASTR. 210.
	*4 HOURS				
	STUDENTS MUST	REGISTER IN THE	LECTURE A	ND IN ANY	ONE DISCUSSION
	SECTION.				
	09182 LECT		2 M	W F	124 BUR HALL

SECTIO	N .						
09182	LECT		2	M W F	124	BUR HALL	WYATT
09191	DISC	A	9	TH	221	G H	
09204	DISC	В	10	TH	221	G H	
09212	DISC	C	11	TH	221	G H	
09221	DISC	D	1	TH	221	G H	

ASTR	102	DESCRIPTIVE	ASTRONO	MY.				
	PRER	EQUISITE: AS	TR. 101.					
	*CRE	DIT IS NOT G	IVEN TO	STUDENTS	WITH CREDIT	IN ASTR.	210.	
	<b>≄</b> 4 H	OUR S						
	STUD	ENTS WHU REG	ISTER IN	LECTURE	I MUST ALSO	REGISTER	IN	
	DISC	USSION A, B,	C, D, E	OR F. S	TUDENTS WHO	REGISTER	IN LECTURE	II
	MUST	ALSO REGISTI	R IN DI	SCUSSION	J, K, L, OR	M.		
	09239	LECT	1	11	M W F	112 G	H	Y 05 S
	09247	DISC	Α	9	TU	221 G	Н	
	09255	0216	8	10	TU	221 G		
	09263	DISC	C	11	TU	221 G	H	
	09271	DISC	Đ	1	TU	221 G	H	
	09280	D13C	E	2	TU	221 G	H	
	09298	021C	F	3	TU		Н	
	09301	LECT	11	1	M W F		UR HALL	CAHN
	09310	DISC	J	10	TU	217 G	Н	
	09328	DISC	K	11	TU	329 G	Н	
	09336	DISC	L	1	TU	217 G	H	
	09344	DISC	M	2	TU	170 L	Н	

# COURSES FOR ADVANCED UNDERGRADUATES

ASTR	210 G	ENERAL ASTRONOM	Υ.					
	PREREG	UISITE: TWO SEM	ESTERS OF COLI	.EGE P	PHYSICS			
	*CREDI	T IS NOT GIVEN	TO STUDENTS W	ITH CF	REDIT I	N ASTR.	101 OR	
	ASTR.	102.						
	*3 HOU	IR S						
	09352	LECT	1	M	W F	314	L H	OLSON

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ASTR	307 CI	ELESTIAL MECHANI	CS.						
	PREREQ	UISITE: ASTR. 30	6 OR PHYCS.	322.					
	3 HOUR	S OR 1 UNIT							
	09361	LECT	9	M	W	F	124	OBSERV	AVNER

ASTR	314 OBSERVATIONAL ASTRONO	MY.			
	SAME AS C.E. 305.				
	PREREQUISITE: MATH. 142 OR	143; A	ASTR. 102 OR 210	OR C. E. 201.	
	4 HOURS OR 1 UNIT				
	*THREE HOURS OBSERVATIONAL	WORK T	TO BE ARRANGED		
	09379 LECT	*2	M W E	124 OBSERV	KALER

ASTR 421 STELLAR SYSTEMS, I.
PREREQUISITE: ASTR. 102 OR 210, PHYSICS 108.
3 HOURS OR 1 UNIT
09337 LECT 3 M W F

8 M W F 124 OBSERV

VOSS

ASTR 366 AERONOMY: PHYSICS OF THE UPPER ATMOSPHERE AND SPACE.

SAME AS E. F. AND PHYCS. 366.

PREREQUISITE: PHYCS. 342, 321 AND 381; OR CONSENT OF INSTRUCTOR.

4 HOURS OR 1 UNIT

C9395 LECT T 230-4 TU TH 137 P B

COURSES FOR GRADUATES

ASTR 415 EXPERIMENTAL METHODS IN RADIO ASTRONOMY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
\*STUDENTS MAY ACCUMULATE TWO UNITS.
\*1 UNIT

SWENSON

ASTR 424 RELATIVITY AND COSMOLOGY.
SAME AS MATH. 460 AND PHYCS. 424.
PREFREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT
09417 LECT 2 M

CUNE

M W F 140 BUR HALL MAY

ASTR 486 CONSTITUTION OF THE IONOSPHERE: AN INTRODUCTION TO AERONOMY.

SAME AS E. E. 466.

PREREQUISITE: GRADUATE STANDING IN ELECTRICAL ENGINEERING, PHYSICS,
OR ASTRONOMY, MATH. 341 OR EQUIVALENT.

1 UNIT

M W F 57 E E B BOWHILL

ASTR 491 SEMINAR IN SPECIAL TOPICS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 TO 4 UNITS

DISC

09433 LECT-DISC A 4 M W F 207 G H STAFF
C9441 LECT-DISC B 4 TU TH 207 G H STAFF

ASTR 499 THESIS RESEARCH 0 TO 4 UNITS 09450 CONF

09409

09425

ARR STAFF

AVIATION

DEPARTMENT OFFICE

U OF I WILLARD AIRPORT

COURSES OFFERED BY THE INSTITUTE OF AVIATION ARE OPEN TO STUDENTS AND FACULTY IN ALL CEPARTMENTS OF THE UNIVERSITY, SUBJECT TO LIMITATIONS IMPOSED BY THE AVAILABILITY OF SPACE AND EQUIPMENT. CREDIT FOR INSTITUTE OF AVIATION COURSES IS GENERAL UNIVERSITY CREDIT. HOWEVEP, ITS USE AS CREDIT TOWARD GRADUATION IS A MATTER FOR EACH COLLEGE TO PASS UPON.

THE FEE FOR EACH INSTITUTE OF AVIATION FLIGHT COURSE IS \$55C. EXCEPT FOR AVIATION 100 MHICH IS \$125, AVIATION 105 AND 115, MHICH IS \$245, AND AVIATION 222 WHICH IS \$350. THERE IS NO FEE FOR AVIATION 250. ARRANGEMENTS FOR THE PHYSICAL EXAMINATION FOR STUDENTS IN AVIATION 101 ARE MADE BY THE INSTITUTE THROUGH THE UNIVERSITY HEALTH SERVICE UPON FINAL ACCEPTANCE IN THE PRIVATE PRIOT COURSE AT REGISTRATION TIME SUBJECT TO POSSIBLE LIMITATIONS IMPOSED BY THE HEALTH SERVICE. STUDENTS IN AVIATION 140 ARE REQUIRED TO POSSESS A CURRENT SECOND CLASS F. A. A. MEDICAL CERTIFICATE AT THE TIME OF REGISTRATION.

BUS TRANSPORTATION BETWEEN THE CAMPUS AND AIRPORT IS PROVIDED FREE OF CHARGE TO ALL STUDENTS REGISTERED IN AVIATION COURSES. THE DAILY BUS SCHEDULE, WITH ROUTINGS, IS LISTED SEPARATELY IMMEDIATELY FOLLOWING THE FLIGHT COURSES. STUDENTS MAY PROVIDE THEIR OWN TRANSPORTATION IF THEY WISH. IN EITHER EVENT, ALL STUDENTS REGISTERING FOP AVIATION COURSES SHOULD SELECT THE APPROPRIATE BUS SECTIONS IN ORDER TO AVOID CONFLICTS WITH ON-CAMPUS COURSES.

DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO REGISTRATION IN ANY DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO REGISTRATION IN ANY FLIGHT COURSE. ONLY GRADUATE STUDENTS AND SENIORS WILL BE PERMITTED TO REGISTER ON THE FIRST DAY OF ADVANCED REGISTRATION, JUNIORS WILL BE PERMITTED TO REGISTER ON THE SECOND DAY, SOPHOMORES ON THE THIRD DAY, AND FRESHMAN ON THE FOURTH DAY. DURING THE ADVISING PERIOD OF ADVANCE ENROLLMENT, EACH STUDENT PLANNING TO REGISTER FOR A FLIGHT COURSE MUST GO TO 317 E H FOR APPROVAL AND SECTIONING.

IN SOME CASES TWO OR MORE FLIGHT COURSES MAY BE TAKEN CONCURRENTLY BY SPECIAL PERMISSION.

ADD

ORIENTATION TO AVIATION.

LECT

LAB

### COURSES FOR UNDERGRADUATES

TU TH

419 E H

EMANUEL

EMANUEL

TAFF TAFF AND

AVI	101	PRIVATE PIL	nT.				
~ .	3 HOUR						
			AL ADDODU	AL DV CHIEF	OF DILOT	TRAINING IS REQUIRE	n
						ECT ONE DISC. AND	U .
		IGHT SECTI		I KEUISIEK	FUR UNE L	EUT., UNE DISC. AND	
				0.030	THE THE	/ C C C LL	CHANUEL
	09476	LFCT	W	8-930	TU TH	400 E H	EMANUEL
	09484	LECT	В	11	M W F	400 E H	HANSON
	09492	LECT	C	2	M W F	400 E H	HANSON
	09506	DISC	Α	730-930PM		305 E H	BENN & ST
	09514	DISC	В	730-930PM	TU	3C5 E H	BENN & ST
	09522	FLT	F [	8-930	M W F	AIRPORT	TREICHEL
	09531	FLT	F 2	930-11	M W F	AIRPORT	STAFF
	09549	FLT	F 3	11-1230	M W	AIRPORT	
	09557	FLT	F 4	1230-2	M W F	AIRPORT	
	09565	FLT	F 5	2-330	M W F	AIRPORT	
	09573	FLT	F 6	330-5	M W F	AIRPORT	
	09581	FLT	F 7	8-930	TU TH S	AIRPORT	
	09590	FLT	F 8	930-11	TU TH S	AIRPORT	
	09603	FLT	F 9	1230-2	TU TH S	AIRPORT	
	09611	FLT	F10	2-330	TU TH S		
	09620	FLT	F11	330-5	TU TH S		

AVI SOARING, I. 1 HOUR

3 HOURS C9468

AVI

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. APR 09638 DISC DUNN FLT ARR DUNN

AVI

5 SOARING, II. PREREQUISITE: AVI. 105 OR EQUIVALENT.

1 HOUR

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILCT TRAINING IS REQUIRED.

09646 DISC DUNN ARR FLT ARR DUNN

SECONDARY FLIGHT. ΔVI 120 PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE, CONSENT OF DIRECTOR. 3 HOURS

NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. 09654 LECT-DISC A 1030-12 TU TH 400 E H EMANUEL 1030-12 H W F 8-93C M W F 930-11 M W F 11-1230 M W F 1230-2 M W F 09662 EMANUEL 09671 FLT F 1 AIRPORT DEXTER F 2 930-11 F 3 11-12 F 4 1230-2 F 5 2-33 F 6 330-5 AND STAFF 09689 FLT AIRPORT FLT AIRPORT FLT 09701 AIRPORT FLT F4 1240-2
FLT F5 2-330
FLT F6 330-5
FLT F6 330-1
FLT F8 930-11
FLT F9 1230-2
FLT F10 2-330
FLT F11 330-5 M W 09719 2-330 F AIRPORT M W 09727 F AIRPORT TU TH S 8-930 09735 ATRPORT 09743 AIRPORT 09751 TU TH S ATRPORT 09760 2-330 TU TH S AIRPORT TU TH S 09778 AIRPORT

AVI INTERMEDIATE FLIGHT.

PREREQUISITE: AVI. 101 OR PRIVATE PILUT CERTIFICATE, CONSENT OF DIRECTOR.

3 HOURS

NOTE:	DEPARTMENTAL	APPROVAL	BY CHIEF	OF PILOT	TRAINING IS REQUIRED.	
09786	LECT-DISC	Α	9	M W F	400 E H	KOONTZ
09794	FLT	X 2	1-5	М	AIRPORT	AND STAFF
80660	FLT	X 3	8-12	TU	AIRPORT	
09816	FLT	X 4	1 +5	TU	AIRPORT	
09824	FLT	X 6	1-5	W	AIRPORT	
09832	FLT	X 7	8-12	TH	AIRPORT	
09841	FLT	X 8	1 -5	TH	AIRPORT	
09859	FLT	X10	1-5	F	AIRPORT	
C9867	FLT	X11	8-12	S	AIRPORT	
09375	FLT	X12	1-5	S	AIRPORT	

AVI ADVANCED FLIGHT. PREREQUISITE: AVI. 120 AND 130; CONSENT OF DIRECTOR.

3 HOURS

NOTE:	DEPARTMENTAL	APPROV	AL BY CHIEF	OF	PI	OT	TRAINING IS REQUIRED.	
09883	LECT-DISC		9	M	W	F	160 M E B	EMANUEL
09891	FLT	F 3	11-1230	М	W	F	AIRPORT	
09905	FLT	F 4	1230-2	ч	wi	F	AIRPORT	GORDON
09913	FLT	F 5	2-330	Ч	W	F	AIRPORT	AND STAFF
0921	FLT	F 6	330-5	56	W	F	AIRPORT	
09930	FLT	F 7	8-930	T	U TI	1 5	AIRPORT	
09948	FŁT	F 8	930-11	T	U TI	l S	AIRPORT	
09956	FLT	F 9	1230-2	T	U Ti	4 S	AIRPORT	
09964	FLT	F10	2-330	T	U T	4 S	AIRPORT	
09972	FLT	F11	330-5	T	U TI	1 5	AIRPORT	

## COURSES FOR ADVANCED UNDERGRADUATES

AVI BASIC INSTRUMENT FLIGHT TECHNIQUES. PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, OR EQUIVALENT FLIGHT EXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR.

3 HOURS NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

JAMISON ANDERSON AND STAFF

09981	LECT-DISC		8	M W F	168 E E B
09999	FLT	F 2	930-11	M W F	AIRPORT
10007	FLT	F 3	11-1230	M W F	AIRPORT
10015	FLT	F 4	1230-2	M W F	AIRPORT
10023	FLT	F 5	2-330	M W F	AIRPORT
10031	FLT	F 6	330-5	M W F	AIRPORT
10040	FLT	F 7	8-930	TU TH S	AIRPORT
10058	FLT	F 8	930-11	TU TH S	AIRPORT
10066	FL T	F 9	1230-2	TU TH S	AIRPORT
10074	FLT	F10	2-330	TU TH S	AIRPORT
10082	FLT	F11	330-5	TU TH S	AIRPORT

ADVANCED INSTRUMENT FLIGHT PROCEDURES. AVE PREPEQUISITE: AVI. 200 OR 40 HOURS OF SIMULATED INSTRUMENT FLIGHT FXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR. HOURS NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. 8 M W F 930-11 M W F 11-1230 M W F 1230-2 M W F 2-330 M W F 330-5 M W F 10091 LECT-DISC 400 E H EMANUEL FLT F 2 AIRPORT 10104 **ANDERSON** AIRPORT 10112 FLT F 3 FLI F 4 1230-2 AIRPORT AND STAFF 10139 FLT AIRPORT 330-5 FLT F 6 AIRPORT 10147 TU TH S TU TH S TU TH S 10155 F 7 8-930 AIRPORT FLT FLT FLT FLT 930-11 F 8 10163 AIRPORT F 9 1230-2 F10 2-330 F11 330-5 10171 AIRPORT TU TH S AIRPORT 10180 TU TH S AIRPORT 10198 FLIGHT INSTRUCTOR. 220 AV I PREREQUISITE: COMMERCIAL PILIT CERTIFICATE, JUNIOR STANDING, CONSENT OF DIRECTOR. 3 HOURS NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. 3 M W F 8-930 M W F 930-11 M W F 11-1230 M W F 230-2 M W F 10201 LECT-DISC 400 E H HANSON F 1 AIRPORT 10210 FLT **ANDERSON** 13228 FLT F 2 930-11 AIRPORT AND STAFF 10236 FLT F 3 AIRPORT 10244 FLT F 4 1230-2 AIRPORT FLT TU TH S 10252 F 7 8-93C AIRPORT 930-11 FLT FLT FLT F 8 TU TH S AIRPORT 10261 TU TH S F 9 1230-2 AIRPORT 10287 F10 2-330 TU TH S AIRPORT TU TH S 330-5 10295 F11 AIRPORT PRACTICE TEACHING, AIRPLANE.

PREFREQUISITE: AVI. 220 OR FLIGHT INSTRUCTOR CERTIFICATE; JUNIOR
STANDING: CONSENT OF DIRECTOR. AVI 250 3 HIURS NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. 10309 DISC ARR FIT ADD

PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR.  1 HOUR  NUTF: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.  STUDENT MIST REGISTER FOR DISC SECTION AND ONE FLIGHT SECTION.  10317 DISC ARR  AIRPORT  10325 FLT F 1 8-930 M W F AIRPORT  10333 FLT F 2 930-11 M W F AIRPORT  10341 FLT F 3 11-1230 M W F AIRPORT  10350 FLT F 4 1230-2 M W F AIRPORT  10368 FLT F 7 8-930 TUTHS AIRPORT  10376 FLT F 8 930-11 TUTHS AIRPORT  10376 FLT F 9 1230-2 TUTHS AIRPORT	80		CIA	_					-				_																		
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.  10317 DISC ARR AIRPORT  10325 FLT F 1 8-930 M W F AIRPORT  10341 FLT F 3 11-1230 M W F AIRPORT  10350 FLT F 4 1230-2 M W F AIRPORT  10368 FLT F 7 8-930-11 TU TH S AIRPORT  10376 FLT F 8 930-11 TU TH S AIRPORT			SIT	E:	CO	MME	RC	IAL	PΙ	LU.	r (	CEF	H	FI	CA	TE	9	CO	NS	EN	Ŧ	OF	Đ	[ R	E(	OT,	R ,				
STUDENT MJST REGISTER FOR DISC SECTION AND ONE FLIGHT SECTION.																															
10317   DISC   ARR																											IRE	D.			
10325 FLT F 1 8-930 M W F AIRPORT 10333 FLT F 2 930-11 M W F AIRPORT 10341 FLT F 3 11-1230 M W F AIRPORT 10350 FLT F 4 1230-2 M W F AIRPORT 10368 FLT F 7 8-930 TU TH S AIRPORT 10376 FLT F 8 930-11 TU TH S AIRPORT	STU	DENT	MJS	T	REG	151	ER	FOR	R D	130	. :	SEC	TI	ON	Α	ND	0	NΕ	F	LΙ	G٢	Ŧ	SE	CT	1 (	)N.					
10333 FLT F 2 930-11 M W F AIRPORT 10341 FLT F 3 11-1230 M W F AIRPORT 10350 FLT F 4 1230-2 M W F AIRPORT 10368 FLT F 7 8-930 TU TH S AIRPORT 10376 FLT F 8 930-11 TU TH S AIRPORT	10317		DI	SC					Δ	KR												Α	ΙR	PO	R1	1			BENN	AND	STAF
10341 FLT F 3 11-1230 M W F AIRPORT 10350 FLT F 4 1230-2 M W F AIRPORT 10368 FLT F 7 8-930 TU TH S AIRPORT 10376 FLT F 8 930-11 TU TH S AIRPORT	10325		FL	T			F	1			3-9	930	)	M		W	F					Α	ΙR	PC	R1						
10350 FLT F 4 1230-2 M W F AIRPORT 10368 FLT F 7 8-930 TU TH S AIRPORT 10376 FLT F 8 930-11 TU TH S AIRPORT	10333		FL	T			F	2		930	) - 1	11		M	1	W	F					Α	IR	PC	R1	Γ					
10368 FLT F 7 3-930 TU TH S AIRPORT 10376 FLT F 8 930-11 TU TH S AIRPORT	10341		FL	T			F	3		1	1-1	123	30	- 4		W	F					Α	IR	PC	R 1	r					
10376 FLT F 8 930-11 TU TH S AIRPORT	10350		FL	T			F	4	- 1	231	0-2	2		M		W	F					Α	IR	PC	RT						
	10368		FL	Ŧ			F	7			3-9	30	)		TU	T	н :	S				Α	ΙR	PC	R1						
10386 FLT F 0 1230-2 TH TH C AIRPORT	10376		FL	T			F	8		930	) - 1	11			ŤΨ	T	н :	S				Α	IR	PO	R1						
	10384		FŁ	T			F	9	- 1	230	0-2	2			TU	TI	1 3	S				Α	IR	PC	R1	Ī					

AVI

PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR. 1 HOUR NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED. AIRPORT BENN AND STAFF DISC F 1 10392 10406 8-93C F AIRPORT 10414 FLT F 2 930-11 М M F AIRPORT 11-1230 M W F 230-2 M W F 2-330 M W F 330-5 M W F F 3 10422 FLT AIRPORT 10431 FLT F 4 AIRPORT 1230-2 FLT 10449 F 5 AIRPORT FLT F 6 330-5 FLT F 7 8-9-9 FLT F 8 930-1 FLT F 9 1230-2 FLT F10 2-33 FLT F11 330-5 10457 AIRPORT TU TH S 10465 8-930 AIRPORT 930-11 1230-2 TU TH S 10473 TU TH S
TU TH S
TU TH S 10481 AIRPORT 2-330 10490 AIRPORT 10503 AIRPORT

## BUS SCHEDULE AND ROUTE

THE INSTITUTE OF AVIATION BUS MAKES PEGULAR TRIPS BETWEEN THE AIRPORT AND THE CAMPUS BEGINNING ON THE FIRST DAY OF CLASSES AND CONTINUING THROUGH THE LAST DAY OF FINAL EXAMINATIONS. THE RUS LEAVES FROM THE CAMPUS PARKING LOCATION AT THE NORTH EAST COPNER OF AERO LAB 3, AND MAKES PEGULAR STOPS ON THE WAY TO THE AIRPORT AT THE CORNERS OF SIXTH AND ARMORY STEEFIS, FOURTH STREET AND ORLOGORY DRIVE, AND FIRST STREET AND GREGORY DRIVE AND FIRST STREET AND GREGORY DRIVE THE TRIP FROM THE AIRPORT BACK TO THE CAMPUS IS VIA GREGORY DRIVE AND GOODWIN AVENUE TO THE PARKING LOCATION. THE SCHEDULE IS AS FOLLOWS:

ON THE FIRST TRIP TO THE CAMPUS FACH MORNING THE BUS IS ROUTED BETAGEN THE FLORTIDA AVENUE AND THE PENNSYLVANIA AVENUE

AVI	3.22	BUS FROM CA	MPUS TC A	IRPORT.		
	NO CF	305	A 1	730-8	M W F	CAMPUS
	10523	BUS	A 2	9-930	M W F	CAMPUS
	17538	3US	A 3	10-1030	M W F	CAMPUS
	10546	303	Α 4	11-1130	M W F	CAMPUS
	10554	305	A 5	12-1230	M W F	CAMPUS
	10562	305	A 6	1-130	M W F	CAMPUS
	10571	305	A 7	2-230	MWF	CAMPUS
	10589	BUS	A 8	3-330	M W F	CAMPUS
	10597	3US	A 9	4-430	M h F	CAMPUS
	10601	305	Alo	730-8	TH TH S	CAMPUS
	10619	RUS	All	9-930	TU TH S	CAMPUS
	10627	305	Al 2	10-1030	TU TH S	CAMPUS
	10635	3US	A13	11-1130	TU TH S	CAMPUS
	17643	BUS	A14	12-1230	TU TH S	CAMPUS
	10651	BUS	A15	1-130	TU TH S	CAMPUS
	10660	BUS	Al6	2-230	TU TH S	CAMPUS
	10678	3US	A17	3-330	TU TH S	CAMPUS
	10686	BUS	A18	4-430	TU TH S	CAMPUS
1 ∨ 1	30 3 NU CE	HUS FROM AT	RPORT TO	CAMPUS.		
	10694	BUS	C 1	830-9	M W F	AIRPORT
	10708	BUS	C 2	930-10	M W F	AIRPORT
	10715	BUS	C 3	1030-11	M W F	AIRPORT
	10724	BUS	C 4	1133-12	M W E	AIRPORT
	10732	BUS	C 5	1230-1	M W F	AIRPORT
	10741	BUS	C 6	130-2	M W F	AIRPORT
	10759	BUS	C 7	230-3	M W F	AIRPORT
	10767	BUS	C 8	330-4	M W F	AIRPORT
	10775	BUS	C 9	5-530	M W F	AIRPORT
	10783	BUS	CIC	830-9	TU TH S	AIRPORT
	10783	8 U S	C10	830-9 930-10	TU TH S	AIRPORT
	10791	BUS	C 1 1	930-10	TU TH S	AIRPORT
	10791 10805	BUS	C11 C12	930-10 1030-11	TU TH S	AIRPORT
	10791 10805 10313 10321 10830	8US 8US 8US	C11 C12 C13	930-10 1030-11 1130-12	TU TH S TU TH S TU TH S	AIRPORT AIRPORT AIRPORT AIRPORT AIRPORT
	10791 10805 10313 10321	BUS BUS BUS BUS	C11 C12 C13 C14	930-10 1030-11 1130-12 1230-1	TU TH S	AIRPORT AIRPORT AIRPORT AIRPORT
	10791 10805 10313 10321 10830	8US BUS BUS BUS BUS	C11 C12 C13 C14 C15	930-10 1030-11 1130-12 1230-1 130-2	TU TH S	AIRPORT AIRPORT AIRPORT AIRPORT AIRPORT

## AVIATION AIFLRAFT MAINTENANCE

# COURSES FOR UNDERGRADUATES

ΛVI	150 411	FCRAFT ENGIN	IE OVER	HAIII -			
16.6.7		ISITE: FIRST			AIRCRAFT	MAINTENANCE	
		LUM OR EQUIV					
	3 HOURS						
						V AVI. 150 MUST A	LSC
		P IN THE SAM			. 152 AND	AVI. 154.	
		S MEET FOR 5					
	10972	LECT	Δ	8-10	M W F	Q7 AIRPORT	EOX AND
		LAB	Δ	13-12	M W F	Q7 AIRPORT	ZVI)NAR
	10881	LECT	A B	930-12	TU TH	Q7 AIRPORT Q7 AIRPORT	GARRELTS AND
	10881	LAB	В	130-3	M W F MTUW F	J7 AIRPORT	MYLIN MYLIN
		LHU	В	3-5	TU	Q7 AIRPORT	
			B	237-5	TH	Q7 AIRPORT	
AVI		RCRAFT ENGIN					
		ISITE: FIRST LUM OR EQUIV			AIRCRAFT !	MAINIEVANCE	
	3 HOURS	LUN OK EQUIV	THE EIGH				
		STUDENT WHO	REGIS	TERS FIR A	SECTION II	V AVI. 152 MUST A	U.S.C.
		R IN THE SAM					
		S MEET FOR 5					
	10839	LECT	Δ	ARR		Q4 AIRPORT	FOX AND
		LA8	Д	AFR		Q4 AIRPORT	ZVINAR
	10902	LECT	P	VH 3		Q4 AIRPORT	GARRELTS AND
		LAB	P	ARR		Q4 AIRPORT	WALIN
AV1	153 ATF	CRAFT SHEP	PRACTI	CE.			
	3 HJURS						
	10911	LECT		1230	TU	J3 AIRPORT	GARRELTS
		LAB		1230-220	TH	13 VISBUSI	GARRELTS
AVI		RCRAFT PROPE					
		ISITE: FIRST			AIRCRAFT	MAINTENANCE	
		UM OR EQUIV	ALENT.				
	3 HOURS		DECIS	TELE EOD A	SECTION I	AVI. 154 MUST A	0.3.1
		IN THE SAM					LSU
		S MEET FOR 5			. 1 20 1040	4 1 1 7 2 4	
	10929	LECT	Α	AKR		33 AIRPURT	Frix &
		LAB	Δ	ARR		Q3 AIRPORT	ZVANAR
	10937	LECT	B	ARR		Q3 AIRPORT	SARRELTS &
		LAB	В	ARR		Q3 AIRPORT	MYLIN
AVI	155 ATE	RCRAFT MATHE	MATTES				
M T 1	3 HOURS	C TAIT TAIT	MATIC:	•			
	10945	LECT-DISC	Д	3-415	TU TH	US AIRPORT	TRULIICK &
	10953	LECT-DISC	В	1230	4 W F	Q3 AIRPORT	STAFF
AV I	158 AIF	RCRAFT OVERH	IALLE				
711	3 H TURS		mot .				
	NOTE: A	STUDENT WHO	REGIS	TERS FOR A	SECTION II	N AVI. 158 MUST A	LSU
		R IN THE SAM			. 160 AND :	AVI. 162.	
		S MEET FOR S					
	10961	LECT-DISC		1030-1230		US AIRPURT	APPLEGATE
		LAB	Λ	8-10	TU TH	CS AIRPORT	APPLEGATE
	10970	LECT-DISC	A B	1-23C 930-1130	MIUWIHE	QS AIRPORT	MCLANE
	10970	LAB	8	1130	M W F	Q8 AIPPORT	MCLANE
		LHU	E S	8-12	TUTH	Q8 AIRPORT	MCCANC
	10988	LECT-DISC	C	1230-230	M W F	Q8 AIRPORT	LADAGE
		LAB	C	230-5		Q8 AIRPORT	LADAGE
			C	3-5	TU TH	QR AIPPORT	

4 V I		CRAFT RIGGI	NG AND	ASSEMBLY.				
	2 HOURS		DECTO	TERS FOR A	SECTION IN	A 1/ T	160 MUST ALSO	
		IN THE SAM						
	SECTIONS	MEET FOR 5	WEEKS	•				
	10996	LFCT-DISC LAB	A	ARR		1A 8Q	RPORT	APPLEGATE
	11002	LAB	A R	ARR		OS AT	RPURI	APPLEGATE
	11002	LAB	8	ARR		Q8 AI	RPORT	MCLANE
	11011	LAB LECT-DISC LAB LECT-DISC LAB	C	ARR		Q8 A1	RPORT RPORT RPORT RPORT RPORT	LADAGE
		LAB	С	ARR		Q8 AI	RPORT	LADAGE
AV I		PORT MANAGE	MENT.					
	3 HOURS			0.015	T T		RPORT	
	11029	LEC 1-DISC		8-915	IU IH	US AI	RPURI	FUX
AVI		CRAFT SYSTE	MS AND	APPL I ANCE	S •			
	3 HOURS		DECTO	TEDC FOR A	CCCTION IN	A17.T	1/2 HUST 41 52	
		IN THE SAM					162 MUST ALSO	
	SECTIONS	MEET FOR 5	WEEKS					
	11037	LECT-DISC	А	ARR		Q8 AI	RPORT	APPLEGATE
				ARR ARR		Q8 AI	RPORT	APPLEGATE
	11045	LECT-DISC	В	ARR		08 AE	RPORT	MCLANE MCLANE
	11053	LECT-DISC	C	ARR		Q8 AI	RPOR T	LADAGE
		LECT-DISC LAB LECT-DISC LAB	C	ARR		Q8 A1	RPORT RPORT RPORT RPORT RPORT RPORT	LADAGE
AVI	168 PRC	BLEMS OF AI	RCRAFT	MAINTENANO	CE.			
	PREREQUI	SITE: SOPHO						
	2 HOURS							
	11061	LECT-DISC	A B	10	TU TH	Q8 AI	RPORT RPURT	APPLEGATE
	110.0	220, 0130		12.50		40 -1		ENORGE
AVI	3 HOURS	CRAFT ELECT	RICAL	SYSTEMS AND	COMPONENT	5.		
	11088	LECT-DISC	Α	11-1230	TU TH	Q8 A1	RPORT	APPLEGATE
	11096	LECT-DISC	8	130-3	TU TH	Q8 AI	RPORT RPORT	MCLANE
AV I	182 BAS	IC ELECTRON	IC THE	DRY.				
	PREREQUI	SITE: AVI.						
	3 HOURS							
	11100	LECT-DISC		1-3	M W F	Q4 AI	RPORT	KEHELY
AV I		CRAFT NAVIG						
		SITE: AVI.	183 OR	CONSENT OF	INSTRUCTO	R.		
	5 HOURS	LECY-DISC		APP		04 41	RPOR T	KEHELV
	11110	Eco, Disc		AITI		47 71	KT OK T	WE''ICE
I VA	186 F. 3 HOURS	A. A. AND F	. C. C	. REGULATIO	JN 5 .			
		LECT-DISC		ARR		Q4 AT	RPORT	KEHELY
		220. 0.30				41 71		
AVI		CRAFT INSTRI						
	3 HOURS	STIES AVI.	100.					
		LECT-DISC		ARR		Q4 AI	RPORT	KEHELY

DEPARTMENT DEFICE

140 BAND

THE FOLLOWING COURSE IS OPEN TO STUDENTS WHO HAVE BEEN ACCEPTED SY EXAMINATION FOR MEMBERSHIP IN UNE OF THE UNIVERSITY BANDS: CONCERT BAND, FIRST REGIMENTAL BAND, SECOND REGIMENTAL BAND. ASSIGNMENTS ARE MADE ACCORDING TO PROFICIENCY AND INSTRUMENTATION COMPLETION OF THE COURSE INVOLVES, IN ADDITION TO THE SCHEDULE OF REHEAR SALS. PARTICIPATION IN THE PUBLIC APPEARANCES OF THE BANDS.

NEW BAND STUDENTS SHOULD MAKE APPOINTMENTS FOR AUDITIONS AT THE BANDS OFFICE BEFORE OR AT THE BEGINNING OF EITHER THE ADVANCE FNPOLLMENT ADVISING PERIOD OR REGISTRATION WEEK. THOSE WHO ARE ACCEPTED WILL BE GIVEN BAND REGISTRATION PERMITS, WITH INDICATION OF THE BAND TO WHICH ASSIGNED AND THE REHEARSAL DAYS AND HOURS—TWO OR THREE TIMES A WEEK.

ALL MEMBERS MUST BE REGISTERED IN BAND 101.

THIS COURSE IS CONSIDERED AS ENSEMBLE CREDIT BY THE SCHOOL OF MUSIC.

DIRECTOR BEGIAN, ASSISTANT DIRECTOR KISINGER, ASSISTANT DIRECTOR DUKER, MR. SEXTON, MR. FAIRCHILD.

## COURSES FOR UNDERGRADUATES

BANDS 101 BAND.

1/2 HOUR

NO MOBILITY BETWEEN SECTIONS .

\*SECTION A: CONCERT BAND.

\*SECTION B: CONCERT BAND.

\*SECTION C: FIRST REGIMENTAL BAND.

\*SECTION D: SECOND REGIMENTAL BAND.

PRACT \* A TU TH 11142 4-530 141 RAND M W F 11151 PRACT \*B 2 141 BAND 11169 PRACT **#**( 4-530 141 BAND 11177 PRACT \*D c 141 RAND

## BIOCHEMISTRY

DEPARTMENT OFFICE

415 EAST CHEMISTRY

MAJOR: TWENTY HOURS OF ADVANCED COURSE WORK IN BIOCHEMISTRY AND MAJOR: TWENTY HOURS OF ADVANCED COURSE WORK IN BIOCHEMISTRY AND CHEMISTRY INCLUDING BIOCHEMISTRY 350 AND 355, ORGANIC CHEMISTRY THROUGH CHEMISTRY 336, AND ONE YEAR OF PHYSICAL CHEMISTRY (CHEMISTRY 340 AND 344 OR ALTERNATELY, CHEMISTRY 340 AND 346 OR CHEMISTRY 340 AND BIOCHEMISTRY 351). ADVANCED COURSE WORK EXCLUDES COURSES NUMBERED 199 AND 100 THROUGH 130.

MINORS: TWENTY OR MORE HOURS CHOSEN FROM PHYSICS, MATHEMATICS OR LIFE SCIENCE SO AS TO INCLUDE AT LEAST TWO 300 LEVEL COURSES IN LIFE SCIENCES.

DEPARTMENTAL DISTINCTION: STUDENTS IN BIOCHEMISTRY REGISTERED IN BIOCHEMISTRY 290 (THESIS), OR IN CHEMISTRY 290 (THESIS) BECOME CONDIDATES FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

### COURSES FOR UNDERGRADUATES

BIOCH 199 UNDERGRADUATE OPEN SEMINAR.
\*\*MAY BE REPEATED.
\*\*O TO 9 HOURS
11185 CONF ARR

## COURSES FOR ADVANCED UNDERGRADUATES

BIOCH 290 THESIS.

PREREQUISITE: BIOCH. 350 AND 355. EACH STUDENT WHO DESIRES TO DO THESIS PESEARCH MUST RECEIVE WRITTEN PERMISSION FROM A MEMBER OF THE BIOCHEMISTRY FACULTY. ACCORDINGLY, PROSPECTIVE STUDENTS ARE ENCOURAGED TO CONTACT THE BIOCHEMISTRY STAFF IN THE SEMESTER PRIOR TO REGISTRATION IN THIS COURSE. REGISTRATION FOR A TOTAL OF 10

HOURS OVER 2 SEMESTERS IS EXPECTED. \*IN ORDER TO RECEIVE CREDIT A THESIS MUST BE PRESENTED BY EACH STUDENT REGISTERED IN BIOCH. 290.

\*4 TO 6 HOURS

11193 CONF

STAFF

STAFE

HAGER

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOCH 350

O GENERAL BIOCHEMISTRY.
PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR 136 OR EQUIVALENT.

3 HOURS OR 3/4 UNIT

11207 LECT 9 TU TH S 116 F C CLARK

BINCH 355 BIOCHEMISTRY LABORATORY.

PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR

136 OR FQUIVALENT; REGISTRATION IN BIOCH. 350.

4 HOURS OR 1 UNIT

LAB-DISC W F 11215 Δ 217 N L LAB Α 2-4 М F 219 NL LAB-DISC 11223 В TU TH 217 N L В 8 217 N L

LAB В TU TH 219 В 219 N L 10-12

### COURSES FOR GRADUATES

O CHEMISTRY OF BIOLOGICAL PROCESSES. PREREQUISITE: BIOCH. 350 AND 355.

1 UNIT

TU TH S 116 E C 11231 LECT 10 CONRAD

EXPERIMENTAL TECHNIQUES IN BICCHEMISTRY.

PPEREQUISITE: BIOCH. 350 AND 355.

3/4 OR 1 UNIT 11240 DISC

115 E C 315 E C DUS TU 1 2-5 TU LAB 315 1-5

BIOCHEMISTRY SEMINAR.

REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS BIOCHEMISTRY. PREREQUISITE: BIOCH. 350 AND 355, OR EQUIVALENT.

1/2 UNIT

LECT-DISC A 115 E C STAFF

O SPECIAL TOPICS IN BIOCHEMISTRY.

PREREQUISITE: CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT.

1/4 TO 4 UNITS

86411 ARR

THESIS RESEARCH. BINCH 499

2 TO 4 UNITS 11266 CONF

ARR STAFF DEPARTMENT OFFICE

393 MOR HALL

HONORS MAJOR IN BIOLOGY - SEE UNDERGRADUATE COURSES BULLETIN.

GENERAL MAJOR IN BIOLOGY: BIOLOGY 110, 111 AND AN ADDITIONAL TWENTY HOURS OF COURSES AT THE 200 AND 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES, CHOSEN IN CONSULTATION WITH THE ADVISER, AND INCLUDING AT LEAST ONE OF THE FOLLOWING: BIOLOGY 210, MICROBIOLOGY 200 AND 201, OR PHYSIOLOGY 301 AND 303. STUDENIS ARE ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH ORGANIC, AND MATHEMATICS THROUGH MATHEMATICS 120 OR THE EQUIVALENT. CALCULUS AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

#### COURSES FOR UNDERGRADUATES

BIOL 101 BIOLOGICAL SCIENCE, II.

PREREQUISITE: BIOL. 100 OR CONSENT OF INSTRUCTOR.

A HOURS
STUDENTS MUST REGISTER FOR ONE CONF/QUIZ COMBINATION:(QUIZ ARRANGED

AT STUDENT'S CONVENIENCE FOR 1 HOUR BETWEEN 8:00 A.M. AND 6:00 P.M. ON THE DAY INDICATED. INDEPENDENT STUDY IN LEARNING CENTER (AUDIO-TUTORIAL), FOR 3-4 HOURS PER WEEK TO BE SCHEDULED BY THE STUDENT IN PROPERTY OF THE STUDENT OF TH

RUUM 4	25 NHB.						
11274	CONF	1	11	TU	228	NHB	KIEFFER
	ZIUQ	1	ARR	TH			
11282	CONF	2	1	TU	228	N H B	KIEFFER
	QUIZ	2	ARR	F			
11291	CONF	3	2	TU	228	N H B	KIEFFER
	OU1 Z	3	ARR	F			

BIOL 111 PRINCIPLES OF BIOLOGY, II.

11517

LAB

DISC

PREREQUISITE: BIOL. 110.

5 HOURS LECT ECOLOGY FIELD TRIP-OPTIONAL. APPROXIMATE EXPENSE \$3.00. 11304 M W F 8 228 NHB 1 11312 LECT 2 228 NHB 11321 309 LAB Α М DISC Α 309 NHB 11339 LAB В 9-12 м 313 N H B DISC В 313 N H 11347 LAB C 2-5 309 N H В DISC TU 309 C NH В 11355 2-5 М LAB D 313 NH DISC TU D 8 313 N H 11363 9-12 TU LAB E 309 NHB DISC 309 F Til NHR 9-12 11371 £ 313 1 AR TIL NHA E 0130 TILL 313 NHB 2-5 11380 LAB G TU 309 NHB DISC G 8 W 309 NHB 11398 LAB н 2-5 TU 313 N H В DISC H 313 N H В 8 11401 LAB 9-12 309 N H В DISC 309 NH 8 11410 LAB 9-12 313 J NH В DISC J 313 NH 8 2-5 11428 LAB 309 N H В DISC K 8 TH 309 NHB 2-5 11436 LAB 313 NHB L DISC TH NH L 313 В 11444 LAB 9-12 TH 309 N H DISC М TH 309 NHB 9-12 11452 LAB N TH 313 NHB DISC N TH 313 N # В 11461 LAB 2-5 n TH 309 NHA DISC F n 309 8 NHR 11479 2-5 313 LAR Р TH NHB DISC P F Я 313 NHB 11487 1 AB ۵ 9-12 E 309 NHB DISC ٥ E 309 N H B 11495 LAB R 9-12 F 313 NHB DISC R 313 NH Я 11509 LAB S 2-5 F 309 NHB DISC 8 309 N H B

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313 N H B

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	#1 HOUR								
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	11541 11550 11568 11576	LECT-DISC LECT-DISC LECT-DISC	8.0	7~9PM	TU	384	MUR	HALL	SIEGLER
	11568	LECT-DISC	C D	7-9PM	W	136	BUR	HALL	BLACK
	11576	LECT-DISC	8 E	3-5PM	TU TU W TH	3.84	M )R	HALL	8001H
BIOL	210 GE								
	PREREQU	ISITE: BIOL.	110-1	11 OR EQUI	VALENT. OR	CONSEN	TOF		
	#4 HOUR	WILL NOT BE			210 AND B1	OL. 11	5 OR	2001. 10	6.
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	11992	LECT-DISC	P	3	MTUWTHE	202	н н		
	11606	LECT-DISC	C	40	MTUWTHE	138	ADMI	IN	
	11014	LEC1-013C	U	4	HIOWINE	238	AUTI	1.4	
3101		VELOPMENTAL				M 123	(10	2.24	
	4 HOURS	ISITE: BIOL.	. 110-1	II OR FOUL	VALENT: CHE	M. [33	OR 4	234.	
	11622	LECT		1	TU	140	BIJR	HALL	DAVENPORT
	11/11			1-3	TH	140		HALL	
	11631	015C	A	3	TU	231	N H	В	
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9101	251 THI	F IRGANISM.							
		ISITE: 810.	151.						
	11665		3	1 1	M W F	202	нн		WILLIS
		LAB	3	1 1 1 - 5	F	102	нн		
		COURSES	FERA	OVANCED UNI	DERGRADUATE	S AND	GRADU	JATES	
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	3 HOURS	OR 3/4 UNI							
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8101	311 PR	INCIPLES OF	POPULA	TION BIOLO	GY, II.				
	PREREQU	ISITE: BIOL .	310 0	R CONSENT	OF INSTRUCT	OR.			
	3 HOURS	OR 3/4 UNIT		2	M W F	314	Ан		KIRK
810F	312 EN	VIRONMENTAL ISITE: ONE V	BIOLUG	Y.	CONSENT	E TAICT	DUCTO	10	
	5 HOURS	OR 1 UNIT			COMSENT	r insi	KUCIC	111 0	
	11690	LECT		3	M W F	228	N H	8	
		LAB		ARR					MACLEAN
									MACLEAM
BIOL	313 EX	PERIMENTAL G	ENETIC	. S .					
BIOL	313 EX	PERIMENTAL O	ENETIC	.S. R 210; AND	CONSENT OF	INSTR	UC TOR	١.	
BIOL	3 HOURS	PERIMENTAL G ISITE: BIOL OR 3/4 UNIT	ENETIC	.S. DR 210; AND		INSTR			BROWN & STAF

alin	314 FERESTMENTAL DEVE PREREQUISITE: 9104. 21		70 1. 333;	AND CONSENT CF	
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	LAB	ARR			
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4101	THESTS RESEARCH.				
	11797 CONF	And			STAFF

#### STUDHACTUR

DEPARTMENT OFFICE

524 BUR HALL

## COURSES F. R INDERGRADUATES

90 UNDERGRADUATE OPEN SEMINAR. \*MAY BE PEPEATED.

+) TO 9 HOURS

11401 CONF

COURSES FOR ADVANCED UNDERSRADUATES AND GRADUATES

4THPH 312

2 INTRIDUCTION TO RATIONILLLY.
PRESENDING MATH. 142 IN 143, PHYSICS 8 HOURS, AND CONSENT OF

INSTRUCTOR.

11219 LECT

11 H F 312 N I

DUCDEE

CIUMSES FIR CHADUATES

2 A TYANCED STEPHYSICS, II.
PREREQUISITE: ONE YEAR OF PHYSICS BEYIND INTRODUCTORY PHYSICS OR

FQUIVALENT, CALCULUS, PHYSICAL CHEMISTRY.

1 LOUIT

TIPIC--PHOTOBIOLOGY, BILESERGETICS.

11827 LECT-0156 11

136 BUR HALL

263 V M 282 V M 232 V M

SYBESMA AND STAFF

PINPH 41 - SPECIAL TUPICS IN BINPHYSICS.

## SPECIAL FIRES IN CHIPMENTSICS.

### PROUITSITE: HINPH, 401 NR FURINALENT, PIUPH, 402 AND 403.

172 TH 1 PHT

11435 CUMF ASS

STAFF

SEMINAR 41 1PH 411

PREREQUISITE: ENROLLMENT IN THE BIOPHYSICS PROGRAM OR CONSENT

OF INSTRUCTOR.

TIPEC-TH HE ARRANGED. 11 443 JERGE

STAFE

PARTITIONS OF PER IN PILLUGICAL PERSONNEL PRINTPLES AND PRACTICE.

SAME AS V.M.S. 463 AND AN. S. 463.

PRESCRIPTIONS AND THATTHE CHAMISTRY, ONE YEAR OF MATHEMATICS PRESCRIPT, AND THE PROPERTY OF THE PARTITION AND THE PARTITION OF THE PARTITION

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Α 11878

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TWARLINGE AND

A111PH 491

91 INDIVIDUAL FURICS.
PREREQUISITE: GRADUATE STANDING: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS
11886 SAFE ARR

MITTH 499 THE SIS RESEARCH.

11894 CONF

STAFF

STAFF

MAJE: TWENTY HOURS OF HOTANY, EXCLUSING BUTANY [Co. 101, AND HILL BY 110 AND 111, HUT IN. UTING HITANY 200, 334, 336, AND 335 to THE ES GUIVALENT. THE HALAND OF THE MINIMUM OF THENTY HOUSES MUST OF TAKEN THE THEORY TO AND EXTRANY THE AND BUTANY HITANY STRINGLY RESERVED.

IN ABBILLING THE SEMESTIFE PALMETE OF ANTI-CHEMISTER, PHYSICS, AND THE BOY I CHEMISTER. THE APPLICATION OF THE SELECTION OF THE SESSION PHYSICS IN PHYSICS 16 ,F 11 ,Y.

CARDIT AND TO PROPER TWO COMES AND ADDRESS AND ARREST AND THE TRANSPORT OF CARDITE A THE MAD A. BEING BY THE AND THE OP-BIBANY COURSES THAT WIN HEY THE - TANY 1 . A TIL AND FULLUSY 104.

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15 GORTIC REGES 1. CONSENTAL MAY BE SOLD MAY BE TEAM OF GOOD STANDARD MAY BE SOLD FOR FROM HER TE ALTERS MAY BE SOLD FOR SOLD FOR THE BEST TO SOLD FOR THE SOLD F

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11459	LAB-DISC	F	1 -4	PR .	258	ħi.	14	+3	STAFF
11200	LAB-DISC	MM	9-12	T ==	, 6, ac	14	H	Ci .	STAFF
11375	LAB-DISC	E 0	1 -4	TH	258	14	H	8	STAFF
11 -41	LAB-DISC	plas.	111.	F	258	14	107	н	STAFF
11 391	LAB-DISC	E E	1 - 4	F	258	14	Н	4	STAFF

### HILL

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M IN F Prov. by H H 1207-A A - 01 SC 6.A 1 - 3 APTITIES

### CHURSES FUR ADVANCED INDER GRACUATES

#### FURM AND FUNCTION IN FLOWERING PLANTS. 401

PREREQUISITE: BOT. 100 OR 101, OR A YEAR OF BIOLOGY; CHEM. 102. 3 HIT JRS LECT M pq F 13016 HANSIN

#### AIT INTRODUCTORY PLANT TAXONOMY.

PREREQUISITE: BOT. 100 CP 101, OF BILL. 110 AND 111, OR 0. 5. S. 131 AND 132.

12024	LECT		10	TU TH	202	Н	Н	PAYNE
12033	LAB	C	10-12	96	374	N	H 8	STAFF
12741	LAB	P	1-3	TU	304	N	H 8	STAFF
13059	LAR	T	3-5	TH	304	N	н а	STAFF

## HONDRS.

PREREDUISITE: FIFTHEN HOURS OF BUTANY, SENTING STANDING.

2 HIJRS SONF & 12067 ARR STAFF

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

106	300 INDIVIDUAL TOPICS. PREREQUISITE: BOT. 100, ANUTHER BIOLOGICAL SCIEM **GPADUATE STUDENTS MAY C **2 TO 5 HOURS, OR 1/4 OR 12075 CONF &	CE, SENIOR OFFER 1 UNI R 1/2 UNIT	STAN	IDING.		IN BOTANY OR	STAFF
801	341 FIELD ECOLOGY.  PREREQUISITE: BOT. 260,  FIELD TRIP DURING SPRING.  *STUDENTS MAY ACCUMULATE  *1 HOUR OR 1/4 UNIT  DEPOSIT REQUIRED BY MARC.  12083 LAB	B HOURS O	385∙ R 3/4	AND CON	SENT (	DF INSTRUCTOR.	HANEY
801	345 PLANT ANATOMY. PREREQUISITE: ONE YEAR (	F BOTANY.					
	12091 LECT LAB	1 2 - 4	M M	W W	306 306	N H B	CAROTHERS
80.1	352 VIRUSES, II.  SAME AS MCBIO. AND PREREQUISITE: BOT./MCBIC BIOCHEMISTRY AND CALCULL 3 HOURS OR 3/4 UNII	IS RECUMMEN	DED.				
	12105 LECT	9	4	w F	140	HUR HALL	BLACK, MACLEON REICHMANN
871	372 GENERAL MYCOLOGY,  PPEREUJISITE: ONE YEAR O  ZOOLOGY, SENIOR STANDING 4 HOURS OR 1 UNIT					I LUCA. OS	
	12113 LAB-DISC	1 1-12	ч	w F	408	мнв	R1)36 R S
		COURSES FO	e Cet	DUATES			
BOT	402 MOLECULAR GENETICS.  SAME AS MCBIO. AND PREREQUISITE: MCBIO. 330 3/4 UNIT	/(OL. 402.	LENT.				
	12121 LECT	10	4	N F	.231	N н В	STAFF
BOT	410 BOTANY DISCUSSIONS.  *No CREDIT GIVEN FXCEPT PH. D. THESIS RESEARCH.  *C OR 1/4 UNIT	FUR STUDEN					
	*C OR 1/4 UNIT 12130 LECT			U	124	B JR HALL	31 ACK
Bilt	1/4 UNIT 12148 LECT-DISC	T PHYSIDLO		F	140	BJR HALL	DICKINSON
801	PREPEDITS THE PLAN PREPEDITS THE GRADUATE S UP ZINTOGY. *STUDENTS MAY ACCUMULATE	TANDING IN	SHITA	PLANT SE	OF APP	4Y. GENGRAPHY.	
	*1/4 UNIT 12156 21 SC	4	м		329	N H B	BAZZAZ
901	PREREQUISITE: CONSENT OF 1/4 UNIT	USYNTHESIS INSTRUCTU	AND R.	SELATED	111910	5.	
	12164 LECT-015C	AFR					3 3 4 CM I V NC
BOT	424 MINERAL NUTRITION O SAME AS HIRT. AND A PREREQUISITE: BOT. 330 ()	IR LINSENT (	OF 14	istructh	R.		
	12172 LECT-DISC 1	8		U TH S	w115		HAGEMAN

DISCUSSIONS IN MYCOLUGY. 8 11 PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 UNIT w 408 N H B 12191 LECT-DISC ROGERS ADVANCED PHYSICLOGY OF GROWTH, RESPONSES, AND REPRODUCTION. 31 1 PREREQUISITE: BOT. 330 OR EQUIVALENT. UNIT 12199 2 M W F 136 BUR HALL NANCE, WILSON DICKINSON 0.31 ENVIRONMENTAL PLANT PHYSIOLOGY. PHIRE USING AND INSENT OF INSTRUCTOR. 3/4 INIT LECT 1 M 1 F 308 N H B BOYER HUT 450 PRINCIPLICY.
PRINCIPLICY.
PRINCIPLICATION OF YEAR OF BUILDING ANOTHER BIOLDING ALL SCIENCE, OP CONSENT OF INSTRUCTOR. 1 INIT 1-4 TUTH 106 NHB LAH-DISC 12211 HOFFMAN 471 ADVANCED MYCHINGY -- SPECIAL JEDUPS.
PHEREQUISITE: BOT. 877 OR CLASSAT HE INSTRUCTOR. 911 1/2 UNIT 12724 408 N H B RUGERS. TUVESON 4111 FULL TOTAL METHODS. PREREWITSITE: NE YEAR OF B TANY IN LICING BUT. 381 OR EQUIVALENT. 1 INST 1-4 TU TH BER N H B 12237 LECT HANEY 493 ANVANCES STUDIES IN H. TANY. FA T \* N'T MORE THAN I INTE MAY HE APPLIED T WARD THE GRADUATE COLLEGE M.S. DEGREE REQUIREMENT OF A UNITS OF COURSE WORK. \*1/2 T) 2 UNITS HAREN IN THE FOLLOWING FIELDS: B--RIOCHEMICAL CYTOLOGY STEFFFNSEN
C--ATIL GICAL PHYTHMS SABCENT 2--CTTICENFTICS & SPECIATION THE WE T F - - F DI L GY RAZZAZ. HANFY

F--GENETICS COX. LAUGHNAN, TUVESON SARGENT G--MORPHOGENESIS-DEVELOPMENT SARGENT . VANDERHOEF CAROTHERS, PHILLIPS H - - MITH PHOLOGY I -- MY COLOGY ROGERS, TUVESON J--PALEOBOTANY PHILLIPS , HAVLENA ARNTZEN, GOVINDJEE, SYBESMA K-- PHETISYSTHESIS L--PHYCOLOGY HIFFMAN M-- PHYSIOLOGY BOYER, DICKINSON, GOVINDJEE, HANSON, NANCE, AND VANDERHOEF
PAYNE, SEIGLER N--TAXUNOMY O-- UL TRASTRUCTURE ARNTZEN, CAPCTHERS, HOFFMAN P--VIRCLOGY BLACK, MACLEOD, REICHMAN

12245 LAB A ARR STAFF

ART 499 THESTS RESEARCH.

O TO 4 UNITS
17253 LAB ARP STAFF

## BURMESE

DEPARTMENT OFFICE

201 - 1208 W - CALIFORNIA

## COURSES FOR ADVANCED UNDERGRADUATES

ELEMENTARY BURMESE, II. BITE M

PREREQUISITE: BURM. 201 OR EQUIVALENT.

5 HOURS

OPEN TO FRESHMEN. 12261 LECT-DISC ARR

SUWANTRA

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BURN

304 INTERMEDIATE BURMESE, II.

PREREQUISITE: BURM. 30.3 OF EQUIVALENT.

5 HOURS OF 1 UNIT

12270 LECT-DISC AFR

SUMANTRA

BUSINESS

DEPARTMENT OFFICE

350 COM W

243 COM W

COURSES FOR GRADUATES

BUS 499 THESTS RESEARCH

12288 CUNF

8 TU TH

BUSINESS ADMINISTRATION

DEPARTMENT OF BUSINESS ADMINISTRATION -- 350 CCM W

COURSES FOR UNDERGRADUATES

MOTIVATION AND RESPONSIBILITY IN BUSINESS.

PREREQUISITE: FRESHMEN PARTICIPATING IN AN HENCES PROGRAM. 3 HO JRS

CONF 12296

10-12

241 COM W

4 ADM 199 UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED. \*0 TO 9 HOURS

12300 CONF ARR
12318 LECT-DISC T 3-5

COURSES FOR ADVANCED UNDERGRADUATES

M W F

THE LEGAL ENVIRONMENT OF BUSINESS.

PREREQUISITE: JUNIOR STANDING.

3 HOURS

\* EN3 OPEN TO HONORS STUDENTS ONLY.

12326	LECT	1	10	M	141	COM	16
12334	DISC	C	10	lu F	236	COM	bil
12440	DISC	# & N 3	10	TU TH	224	DK	H
12342	DISC	M	9	TU TH	122	D K	H
12351	)1 SC	N1	10	TU TH	170	COM	w
12369	DISC	N 2	10	TU TH	166	COM	W
12377	DISC	P 1	1.1	TU TH	170	COM	16
	0.30		8.6	10 111	4 1 0	00.	

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CONTINUED
B ADM 201
       | 12385 | DISC | P2 | 11 | TU TH | 236 CUM W |
| 12393 | DISC | P3 | 11 | TU TH | 243 CUM W |
| 12407 | DISC | R1 | 1 | TU TH | 122 D K H |
| 12415 | DISC | R2 | 1 | TU TH | 236 CUM W |
| 12423 | DISC | S1 | 2 | TU TH | 106 D K H |
| 12431 | DISC | S2 | 2 | TU TH | 236 CUM W |
105 MGA B
              BASIC PRINCIPLES OF BUSINESS LAW.
        PREREQUISITE: JUNIOR STANDING; ACCY. 105; ECON. 102.

• CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 201
          IN ADDITION TO B. ADM. 261.
          03 HOURS
        12456 LECT-01SC 0 11 M W F
12466 LECT-01SC F 2 M W F
                                                                  91 COM W
                                                                   91 COM W
B ADM 202 PRINCIPLES OF MARKETING.
         PRESENTISTE: ECON. 172 OR FOUTVALENT.

• STUDENTS ARE NOT GIVEN CEEDLE FOR BOTH B. ADM. 202 AND
          R. A.M. 272.
          • 3 HILLRS
651 GPEN TO HUNURS STUDENTS INLY.
       TUTH 226 CM M
H F 115 CM H
H F 325 DK H
H F 325 DK H
H F 326 CM M
H F 326 DK H
H F 206 CK H
H F 206 CK H
H F 1174 DK H
R ADM 203 PRINCIPLES OF BUSINESS LAW.
         PREREGUISITE: B. ADM. 200.
         2671 LECT-0150 D 11
        12601
                                                   MT JWTHE 166 COM W
               MARKETING ENVIRONMENT.
A ADM 206
       PREREJ 1151TE: 8. AOM. 202.
          3 H 3UH 5
        12610 LECT-DISC C 10 M m F
                                                                 111 DKH
               MANAGEMENT AND OPGANIZATIONAL BEHAVIOR.
8 AJM 717
         PREREQUISITE: JUNIOR STANDING.

• A STUDIENT WILL NUT RECEIVE CREUIT FIRE B. ADM. 217 AND B. ADM. 247.

• HOURS
       TO TH
B ADM 212
               PRINCIPLES OF RETAILING.
       PRERESUISITE: 8. ADM. 202.
          THOUSE LECT-DISC B
       12750
                                          9
                                                        be
                                                               349 ARMORY
            INTRODUCTION TO MANAGEMENT.
745 MCA 8
         FOR NON-COMMERCE STUDENTS ONLY.
PRERECUISITE: SUPHEMORE STANDING.
         *A STUDENT WILL NOT RECEIVE CREDIT FOR 8. ADM. 247 AND 8. ADM. 216.
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B ADM 249 HUMAN RELATIONS .
         FOR NON-COMMERCE MAJORS ONLY.
PREREQUISITE: 8. ADM. 210 OR 247.
           3 HOURS
LECT-DISC C
                                                                  166 COM W
        12784
                                           1.0
                                                     M W F
          SUMMARY OF BUSINESS LAW.
FOR NON-COMMERCE STUTENTS ONLY.
8 ADM 261
           PREREQUISITE: JUNIOR STANDING.
           *CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 261 IN ADDITION
          TO B. ADM. 201.
           #3 HOURS
        12792 LECT-DISC B 9
12806 LECT-DISC C 10
12814 LECT-DISC D 11
                                                                    122 D K H
                                                                    122
B ADM 272 INDUSTRIAL SELLING.
FOR NON-COMMERCE STUDENTS.
*STUDENTS ARE NOT GIVEN CREDIT FUP BOTH B. ADM. 272 AND B. ADM. 202
          *3 HOURS
                                       11 M W F 236 COM W
                     LECT-DISC C
        12822
               HUMAN VALUES AND BUSINESS BEHAVIOR.
         PREREQUISITE: ADVANCED STANDING, JAMES SCHOLAR OF PARTICIPANT IN A
          DEPARTMENTAL HONORS PROGRAM.
           3 HOURS
        12831
                    LECT-DISC R
                                           1-3 TU 152 COM W
          4 SENIOR RESEARCH.

PREREQUISITE: CUMULATIVE GRADE PLINT AVERAGE OF +.0 OR HONORS IN
THE JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING.
B ADM 294
           2 T') 4 HO JPS
                              C 10
                   CONE
                                                    M M F 160 C)M W
        12849
B ADM 295 SENTIR PESFARCH.
          PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE DE 4.0 OR HONGES IN
          THE JUNIOR YEAR. SENIOR STANDING.
           2 T) 4 HOURS
                   CONF
                                           11 TU TH
                                                                   91 (OM H
                       COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
             THE LAW OF THE UNIFORM COMMERCIAL COLE.
        PREREQUISITE: 9. ADM. 201 OR 201: SENIGR STANDING. 3 MUNRS, DR 3/4 OR 1 UNIT 12805 LECT-DISC F 1 M H F 12 12873 LECT-DISC F 2 M W F 12
                                            1 M W F 122 O K H
2 M W F 122 O K H
B ADM 314 PRODUCTION.

PREREQUISITE: B. ADM. 374 OR CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

12981 LECT-DISC E I M W F 160
                                                                  160 COM W
B ADM 315 MANAGEMENT IN MANUFACTURING.
         PREREQUISITE: B. ADM. 213.
          3 HOURS OR 1/2 UNIT
        12890 LECT-DISC F
                                                                    170 COM W
B ADM 320
               MARKETING RESEARCH.
        PREREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT
12903 LECT-DISC D 11
                                                  M W F
                                                                   241 COM W
8 ADM 321 INDUSTRIAL SOCIAL SYSTEMS. I.
          SAME AS L. 1. R. 321.
PREREQUISITE: B. ADM. 210; PSYCH. 100; PSYCH. 201 OF CONSENT
```

9

H W F 241 COM W

OF INSTRUCTOR.

3 HOURS OR 1/2 TO 1 UNIT 12911 LECT-DISC B

23 INDUSTRIAL SOCIAL SYSTEMS, II.
PREREQUISITE: 4. ADM. 321 AND DSYCH 201.
3 HOURS, DR 1/2 TO 1 UNIT
12920 LECT-DISC T 3-430 TU 15 AOM 323 3-430 TU TH 241 COM W ADVERTISING AND SALES MANASEMENT. в дом 337 PREJUISITE: 8. APM. 202. M M F 160 COM W 322 D K H 4 CANSUMER REHAVIOR.

PRERIQUISITE: 5. ADM. 202.

3 H JRS 19 172 UNIT B 5 1M 344 1 0 19% R 172 ONIT 127954 1ECT-DISC F 1 M W F 127652 1ECT-DISC F 2 M W F 127671 1ECT-DISC N 1D-1110 TO TH 170 COM W 166 COM W 122 DK H Q A.IM 351 PERS INNEL AUMINISTRATION. PRESCULISITE: B. ADM. 323, AND ECON. 173 AND 240.

\*CHILL WILL NOT BE GIVES F. R. 20M. 351 AND PSYCH. 145 OR 245 AND

I. ADM. 494 DR. 449.

\*SHODES, OR 12 TO 1 UNIT

2 Hay 1 FCT-DISC H. H. H. F. 166 COM M. 12149 (N2 ORICING PLICIES.

PRIMEDITS TO: A. ADM. 202.

3 GOORS OR 172 ONLY

12947 LECT-DISC # 7 1455 LOTH 236 COM W а д зм 35,2 HAM THE SECTIONIC LATA OF ESSIVE FREISINESS. PRINCIPAL TO THE TOTAL TO THE TENT OF T HOLBATTINS HITEARTH. AND MATTERS REPEARED.

A MODES. 1-1/2 M 1 MATT

13720 LE T-015C E 1 M M F 166 CCM M

13730 LET-015C S 1 37-1. EU TH 160 COM M THE ATMAN TO MARKETING MANAGEMENT.

PRESCRIPTION OF AMERICAN THE THE 241 COM W

1 MARKET HE LEVE UNIT 1 12 TO TH 241 COM W 4 A 1M 3 Hz THE MUSINESS POLICY.

OPENCIALISTS: H. ADM 321 OR 344, H. ADM. 374 AND SENIOR STANDING.

ACRES OF THE STANDING SOR HOTH B. ADM. 389 AND R. ADM. 544.

P. H. DES DE TESTES M. 1-1030 TO TH. 243 COM M. 13754 LEUT- 1150 M C TURSES FOR GRADUATES 8 ADM 407 SETENTIFIC MANAGEMENT, II. SAME 1. E. 402. PRESEQUISITE: 8. ADM. UP I. F. 401; BACKGROUND IN COMPUTER TECHNOLOGY OR CONSENT OF INSTRUCTOR. 1 TO 1 1/2 UNITS 3062 LECT-DISC TU TH 235 M E B 3-5 MARKETING THEORY AND SYSTEMS. 1 (1911 13071 LECT-DISC N 10-12 TU 219 D K H DEVELOPMENT OF MARKETING THOUGHT.

PRESEDUTSITE: B. ADM. 405.

1 UNIT 13089 LECT-DISC N 10-12 TH 219 D K H

B ADM 411 ORGANIZATIONAL SCIENCES, II.

SAME AS PGL. S. 461, PSYCH. 454, AND SOC. 457.

PREPEQUISITE: B. ADM. 410. 1 UNIT 13997 LECT-DISC C 10-12 M 170 COM W 8 ADM 416 CUNSIMER INFORMATION PROCESSING. PRICEINSTITE: B. ADM. 415. 1 UNIT LECT-015C C 10-12 W 170 CCM W 13191 MARKETING STRATEGY: DECISION MIKELS. PREREQUISITE: B. ADM. 421. 1 JNIT 1-3 W 236 CTM W 13119 LECT-DISC E PERATTIAS RESEARCH. 4 6 3M 676 PRESENTATE: MATH. 364 AND H. ASM. 374 OF EQUIVALENT. 1-3 TU TH 170 COM W LECT-UISC R - A JM 445 THE SAMPLING "F HUMAN P.P. JLATI NS AND SOCIAL PREABILIZATIONS.

SAME AS PSYCH. AND 57C. 485.

PROPERTY JISTIFE S. C. 387 PP FORM. 371, PR CONSENT OF INSTRUCT P. I WINT 3-5 LFT-DISC F GENTHAG IN MACKETING. 1 UNIT 14144 CINE N I UITH 91 COM R RESEARCH IN SPECIAL FIELDS. 174 TU 1 UNITS TIL THE 91 COM W 4 ASM SO: THESTS PESSEARCH.
IT IS A DESTA.
15174 SINF MANA . . . A AL EC NOM! .. \* / IM 6 ] PHICH DIGITED H. A.M. SUY P. CHIVA EST. I UNIT 1314, 1601-1150 4-1 4 F PREREQUISITE: B. ADM. 510. 1 411 CISTNESS TREADITATES AND ITS ENVIR SMEST.
PREREQUISITE: B. ADM. 511. 1 UNIT 13215 1 12 fU 141 CDM W N 4.9 SET INTO THE PROBLETION.
PRINCIPLE: FIRST SEMESTER OF THE M. B. A. PROJRAM. 1 ONIT LECT-DISC 1-3 TU TH 243 COM W JANTITATIVE TECHNIQUES IN PRIMUCTINA. PRESENTATE: H. ADM. SAZ DE EURVALEST. L PART 1895. LECT-DISC L-3 M 1313. F 236 CIM W

EXECUTIVE POLICIES AND PLANNING. B ADM 544 PREREQUISITE: FIRST YEAR MASTER "E HUSTVESS ADMINISTRATION COURSES THE EQUIVALENT. \*CREDIT IS NOT GIVEN FUR BOTH B. ADM. 544 AND B. ADM. 389. \*1 UNIT 13241 1667-0156 4-14 8 ATM 551 FINANCIAL ANALYSIS. PREPOSUISITE: COMPLETION OF FIRST SEMISTER HE M. A. A. PRIMARAM. 1 UNIT 1 H=1, M F 243 C.M W FINANCIAL MANAGEMENT AND C STREET, II.
PRERE JISTEE B. ADM. 552. H ADM CSI 1 1911 [ )-1, M F 46 (IM H 1 1267 S A M SC MANAGERIAL ACCOUNTING ANY CINTER. PRICEMAN. 1 UNIT 1=+ 10 D9 150 c (M w LECTHOISE 6 A 1M 661 " INTROLLERSHIP. PRIME UNITE: S. ADM. SAC UR - CHIVALENT. 1 UNIT LELT OTSC 1011, TITH 94 LINK 18396 S ADM 577 MY. MICHA AS CLASSICA, STATISTIC FOR BUSINESS OF INTONS. (F) T-0150 1001. TO THE 191 5,100 N 13201 R AIM STA INTEL RITTOR IN OFFESTION SECTION. PRESC, INTEL N. A.M. ST. AN EIGHT YEAR HE MIRLA. PRINCAM. 1 0911 1 fc 1 915 1 5 3 4 1 / M } //4 = (-)M M TO CHARLEST LIMITATIONS
OFFICE OF STATE 44 5 5 500 4 75 1 19817 - 615 1 19186 м в <u>17 година</u> . 1 1 3 3 1 3 A AM STE FINANTS OF HELISTIN MAKIN . DREGG ISITE: S. A.M. ST. 1 1/5/17 a [I TI] THE LOS SIDE W 1 2 3 1 CELT-0150 MATHOMATICAL PRI .. AMMIN . F F MANA .. (MENT SCIENT .. PREMEDITATE MATH. 315 A PURISHENT. 1 UNIT 13327 1-c M 10 31 ( M M [ F | T = 1) 1 - C INTERNATIONAL BUSINESS DREEATIONS, II. 4 A 3M 564 PRERELIISITE A. A.M. SH. I UNIT A-1| M F 91 COM W 13343 LECT-21SC A AOM 590 INDEPENDENT STUDY AND RESEARCH. 1/2 TO 1 PALT 13356 LECT-DISC G 3-5 N 243 COM M 13364 LECT-DISC N 12-12 TO TH 56 COM M 13372 LECT-DISC T 3-5 TO 243 COM M 1/2 TO 1 PATT

B ADM 599 THESIS PESEARCH.

A TH 4 UNITS

13381 CONF ARR

### CERAMIC ENGINEERING

DEPARTMENT OFFICE

203 CER

## COURSES FOR UNDERGRADUATES

CERAMIC MATERIALS AND PROCESSES.
PREREQUISITE: SOPHOMORE STANDING. CER E 102 FIELD TRIP. 3 HOURS LECT LAB 13399 8 TU TH 218 CER 2-5 TU 113 CER 2-5 TH 113 CER WILLMORE 13402 WILLMORE LAB 13411 B WILLMORE 99 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*O TO 9 HOURS CER E 199 13429 CONF ARR COURSES FOR ADVANCED UNDERGRADUATES CFR E 208 THERMAL PROCESSING. PREREQUISITE: JUNIOR STANDING IN CERAMIC ENGINEERING. 3 HOURS 8 M W F 218 CER NEL SON 13437 CER E 216 RATE PROCESS IN CERAMIC ENGINEERING. PREREQUISITE: CHEM. 245 AND JUNIOR STANDING IN CERAMIC ENGINEERING. 3 HOURS 13445 TU TH 218 CER BERGERON LECT 2-5 ч . 113 CER 113 CER LAB BERGERON 13453 Δ LAB 2-5 RERGERON 13461 R PYROMETRY. PREREQUISITE: JUNIOR STANDING, SOPHEMORE PHYSICS. 2 HOURS 218 CER 317 CER 317 CER WILLMORE WILLMORE WILLMORE 13470 13488 LECT TH LAB 2-5 TH 13496 LAB CERAMIC COATINGS. PREREQUISITE: JUNIOR STANDING IN ENGINEERING. 3 HOURS COOK LECT 13500 1 M W 218 CER 2-5 TU 102 CER 2-5 TH 102 CER LAB A 13518 COOK COOK CER E 272 CERAMIC ENGINEERING DESIGN.

PREREQUISITE: T. A. M. 221, CFR. E. 208 AND 271.

PRENEZ 2 HOURS 13534 LECT LAB-DISC 218 CER NELSON 218 CER NELSON 3-6 W

CER E 298 SPECIAL PROBLEM.

PREREQUISITE: SENIOR STANDING. 1 TO 2 HOURS 13542 CONF

SENIOR THESIS. CER E 299

PREREQUISITE: SENIOR STANDING AND A GRADE POINT AVERAGE OF 4.0 OR BETTER. \*STUDENTS MAY REGISTER MORE THAN ONCE FOR A MAXIMUM OF FIVE HOURS. TO RECEIVE CREDIT. A THESIS MUST BE PRESENTED. \*1 TO 5 HOURS

13551 CONF

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

A ADVANCED CHEMISTRY AND TECHNOLOGY OF GLASS.

PREREQUISITE: CER. E. 214 OR CONSENT OF INSTRUCTOR.

2 HOURS OR 1/2 UNIT 1 LEC1 TU TH 218 CER TOOLEY 13569

CER	٤	317 266	RACTORY TEC	HNOLOGY						
		PREREQUI 3 HOURS, 13577	SITE: SENIL	R STANT	ING IN EN	GINEERING.				
		3 H JURS,	DR 3/4 DR	1 UNIT	2		210			411.54
		135//	( ) ( )		4		:18	LEK		ALLEN
LFR	F	PREAFQII	THIC X-STA	ANALYS	15.				_	
		PRESEQUI	SITE: C. S.	101 A	ALLINES CA	STANDING IN	A ENDIN	EERIN	G,	
		13585	LECT		1	TU TH	136	ME	8	WERTZ
		13593	LECT LAB LAB	Δ	2-5	10	316	CER		WIRTZ
		1 5607	LAD	В	2-5	*	310	CEK		MIKIZ
CEB	E	331 CFP PREPF - JI 3 H 1 /RS + 13615	AMIL MILHOS	(CPY.						
		3 H 1 - 5 C -	SITE: (FR.	1 115/17	IR CNSEN	1 . IMZING	JC 1")R .			
		13615	LECT	1 0 11.	2	TU	322	CFR		ALLEN
			LAB		3-5	TU	322	CER		ALLEN
			) A 3/4 () E L E C T L A B		10-13	TH	122	CER		ALLEN
1,65	F	340 ttf	LIPITAL CER	AMICS.						
		D= ( = ( ) ) [	SITE: CFR.	E . 3713	UR L_MSEN	T _F INSTRU	JCTIR.			
		134,14	CR 3/4 UNIT LECT LAR LAB		11	м ы	218	CER		WIRTZ
		13631	LAR	Δ	9-12	TU	211	CER		WIRTZ WIRTZ
		13067	LAB	В	2 = 5	TH	211	CER		WIRTZ
CFE	F	388 50	LEAR CERAMI	cs.						
		226 26 265	C 1 T C + 1 + 1 C M	245. 1	HYCS. 464	. CR CCASE	vT ≠ 1	45 TRUI	CTOR.	
		13450	DR 1 UNIT		1	MTUW	322	( 50		ALLEN
		1,0,0	6661			7110#	266	CER		MECEN
				( ,	UFSE, F. P	GRADUATES				
6.6	E	402 CER	AMICS.							
		PR: 46 2111	SITE: LOURS	ES IN F	PHYSICS AN	O CHEMISTRY	1 .			
		13666	NITS LELT		AGH		218	( FR		
	,		( 756.40 1 )	C 4						
(	ţ	406 JLA RREUF 201 0F. R 1 U	Elle: LEP.	F. 405	JR CONSEN	T OF INSTRU	JCT R.			
		●F ( 3 1 ()	NIT ARRANGE	FXTRA	CONTACT H	CURS WITH I	INSTRUC	TOR.		
					7					TOOLEY
		1 36 74	LECT		4	TU TH	04	H C	9	10000
500	F	477 PIR	CFLAIN ENAM	ELS.		******				
		1 108 1 1	SITE: CER. /2 UNITS	t . 222	ANU 320+	H INCIN CA	MIAUFE	41.		
		13682	LECT		ARR		218	CER		
CER	E	409 MH1	TEWARES.							
		PRERECIT	SITE: CER.	€ . 3€ 9	AND 340 0	R EQUIVALEN	eT.			
		1 1/8 1 1	12 UNITS		2 10	Y	210	CCD		5504
		13591	/2 UNITS LECT		9-10	10 14	119	CER		COOK
CER	E	412 STF	UCTURAL PHY	SICAL C	ERAMICS.	0.106	This Force	T () 2		
		*3/4 T)	NIT ARRANGE	FILED	CONTACT H	OGAZ MILH	1.42 IN OC	IUH .		
		13704	1 UNIT		10	M W F	218	CER		BROWN
( 50	F	418 PHY	SICS DE STO	ONG SOL	105.					
CLA	L	PRESE JUI	SITE: ANY O	NE OF I	HE FOLLOW	ING: CER. E	. 307	DR 42	1,	
		чет. е.	SITE: ANY O	342 . PH	IYCS. 490,	UR CONSENT	OF IN	STRUC	TOR.	
		1 UNIT	LECT		10-1116	TIL TH	41.	M C	R	WILLIAMS
		13112	2001		10-1115	10 11	0.4	н с	9	HICCIAMS
CEF	CT.	495 MAT	FRIALS AND	SPECIAL	PROBLEMS	CEDAMIC EN	INCOL	NG		
		1 TO 2 U		MIE SIA	ADING IN	CENAMIC ENG	THECKI	140 0		

2 UNITS
CONF
ARR
INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON,
TOOLEY, WILLMORE, WILLIAMS, WIRTZ 

CER E 498 SEMINAR IN CERAMICS. REGISTRATION REQUIRED OF ALL GRADUATE STUDENTS IN CERAMIC ENGINEERING. PREREQUISITE: GRADUATE STANDING IN CERAMIC ENGINEERING. O CREDIT

WILL TAMS

THESIS RESEARCH. CFR F 499

CONF

13739

PREREQUISITE: CER. E. 311, GRADUATE STANDING IN CERAMIC ENGINEERING.

O TJ 4 UNITS

13747 CONF ARR

INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON, TOOLEY, WILLMORE, WILLIAMS, WIRTZ.

TH

CHEMICAL ENGINEERING

DEPARTMENT DESICE

113 EAST CHEMISTRY

214 CER

COURSES FOR UNDERGRADUATES

9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED.

\*0 TO 9 HOURS 13755 CONF

APP

STAFF

COURSES FOR ADVANCED UNDERGRADUATES

STOICHIOMETRY. CH F 261

PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 135 OR 342. 3 HIURS

13763 LECT-DISC M W F 101 F C

MILLER

CH E 290 THESTS.

LIMITED IN GENERAL TO SENIORS IN THE CHEMICAL ENGINEERING
CURPICULUM. ANY OTHERS MUST HAVE THE CONSENT OF THE HEAD OF

THE DEPARTMENT.

\*FACH STUDENT MUST REGISTER IN A MINIMUM OF FIVE HOURS EITHER IN THE SEMESTER OR DIVIDED OVER THE SEMESTERS. A MAXIMUM REGISTRATION OF TEN HURS IN THE SEMESTERS IS PERMITTED. HOWEVER, CH. E. 379 TWO HOURS, MAY BE SUBSTITUTED FOR TWO OF THE FIVE HOURS REQUIRED MNE

IN CH. E. 290. IN ORDER TO RECEIVE CREDIT. A THESIS MUST BE PRESENTED BY EACH STUDENT REGISTERED IN CH. E. 290. #2 T1 6 HIGRS

CONF

STAFF

CHURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

368 SELECTED TIPICS IN CHEMICAL ENGINEERING.
PREREQUISITE: SENIOR STANDING IN CHEMICAL ENGINEERING OR CONSENT OF INSTRUCTOR.

2 - R 3 HO JRS+ 1R 3/4 OR 1 UNIT

LECT 101 E C N W F

ALKIRE

CH E 371

71 PRINCIPLES OF CHEMICAL ENGINEERING.
PREERGUISITE: CH. E. 370 OR CUNSENT OF INSTRUCTOR.
4 HOURS OR I UNIT

13748 LECT-DISC

11 MTUW F 115 E C MILLER

UNIT APERATIONS LABORATIRY.

PREREQUISITE: CREDIT OR REGISTRATION IN CH. E. 373. 3 HOUR, OR 1/2 UNIT

ONE HOUR TO BE ARRANGED.

13901 DISC \*ARR 1 48

\*1-6 TH 8 F C WESTWATER

CH E 379 CHEMICAL ENGINEERING PROJECTS.

PREREQUISITE: SENIOR STANDING IN CHEMISTRY OR CHEMICAL ENGINEERING.

2. HOURS OR 1/2 UNIT

13810 LAB A 1-6 M 294 E C SCHMITZ

13828 LAB B 1-6 TU 294 E C

CH E 381 CHEMICAL REACTOR CESIGN.

PREREQUISITE: CH. E. 373.

3. HOURS OR 3/4 UNIT

13836 LECT 8 TU TH 101 E C HUDSON

DISC 10 TH 101 E C

## COURSES FOR GRADUATES

CH E 465 CHEMICAL ENGINEERING SEMINAR.

REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS CHEMICAL ENGINEERING.

PREREJUISITE: CH. F. 373.

1/4 UNIT

13844 LECT-DISC 4 TU 116 E.C. DRICKAMER

PREREQUISITE: BACKGROUND IN MODERN PHYSICAL CHEMISTRY AND PHYSICS,
AND CINSENT OF INSTRUCTOR.

374 OR 1 UNIT
13852 LECT 11 TO TH 101 E C ECKERT

CH E 487 FLUID DYNAMICS.

PREREGUISTIE: CH. F. 464.

1 UNIT

13961 LECT 9 M M F 115 E C HANRATTY

CHE 499 THESIS RESEARCH.
O TO 4 UNITS
INSTRUCTORS: ALKIPE, DRICKAMER, ECKEPT, HANRATTY,
HUDSON, SANI, SUHMITZ, WESTWATER.
13879 CONF APR

STAFF

### CHEMISTRY

DEPARTMENT OFFICE

PROPERTIES OF FLUIDS

CHE 468

106 NOYES LAB

CHEMISTRY CURRICULUM: SEE UNDERGRADUATE STUDY CATALOG.

CHEMISTRY MAJORS IN THE SCIENCES AND LETTERS CURRICULUM: SEE UNDERGRADUATE COURSES CATALOG.

NOTE: CERTAIN CHEMISTRY COURSES HAVE BEEN REVISED AND RENUMBERED. THE FOLLOWING OLD AND NEW NUMBERS MAY BE INTERCHANGED IN ORDER TO SATISY LISTED PREREQUISITES: OLD CHEMISTRY 133 IS NOW CHEMISTRY 131 AND 134, OLD CHEMISTRY 234 IS NOW CHEMISTRY 136, OLD CHEMISTRY 281 IS NOW CHEMISTRY 181.

CHEM 100

O INTRODUCTORY CHEMISTRY.
NO PREVIOUS CEPOIT IN HIGH SCHOOL CHEMISTRY IS PRESUMED.
PREREQUISITE: THO AND ONE-HALF UNITS IN HIGH SCHOOL MATHEMATICS,
OP CREDIT OR CONCURRENT PEGISTRATION IN MATH. 111 OR 112. 2 HTURS

ATTEMPANCE AT LECTURE, AT ASSIGNED QUIZ AND FOR 2-3 HOURS CHASCHEDULED) IN AUDIO-TUTORIAL FACILITY (308 N. t.) IS PERMIRED AEEKLY.

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13941	2106	F	10		F	162	NL	
13950	2012	G	9		F	195	Po L	
13968	71116	H	1 7		F	103	NL	

CHEM 101

1 SENERAL CHEMISTRY.
FOR STUDENTS WHO HAVE SOME PRIOR ENGLEDGE OF CHEMISTRY.
PREREQUISITE: CREDIT FOR IN EXEMPTION FROM MATH. 111 OR 112.

A STUDENT MUST REGISTER IN A UNITY-LAW OF METNATION BEARING THE SAME LETTER AS THE LECTURE HE CHOISES.

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                                      TE AT THIC PHYSICS, OF CONSENT OF INSTRUCTOR.
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## COURSES FOR GRADUATES

CHEM		VANCED INORG					LECTURE COUR	000
		GANIC CHEMIS		STRAITE"	114 M 40	10 EC 42E	LECTURE COOP	(3)
	#ADDITIO	CNAL HOURS T						
	15667 15675	LAB	В	*2-5 *2-5	W TH		C A	STUCKY
CHEM	405 INC	RGANIC CHEM	ISTRY SEM	IENAR.	LIORING I	N INDRGA	NIC CHEMIST	2 Y .
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CHEM		CHEMISTRY		X INUFGA	INIC COMP	OUNDS.		
	PREREQUI 1 UNIT	ISITE: CHEM.	315.					
	15691	LECT-DISC		1	M W F	193	E C	BAILAR
CHEM	422 ELE	CTRICAL MET	HODS DE C	HEMICAL	ANALYSTS			
5116	PREREQUI	SITE: CHEM.	344 OR E	QUIVALEN	iT.	•		
	1 UNIT 15705	LECT		11	TU TH	S 199	E C	LAITINEN
		LAB	AF	R				
CHEM	423 ELE	CTRON MICPO	S COPY.					
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	PREREQUI	SITE: A COU	RSE IN MO	DERY PHY	SICS OF	PHYSICAL		
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	15721	LECT-DISC		3	F	171	E C	LAITINEN
CHEM	429 ELE	CTRON MICRO	SCORY WIT	L LABOR	TODY			
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	CONSENT	MATHEMATICS OF INSTRUCT	, AND THR CR.	EE SEMES	STERS OF	CHEMISTR	Y, AND	
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		LAB-DISC LAB	AR	4 R	F	242 97	BEV HALL BEV HALL	
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	1 UNIT	ISITE: CHEM.						601756
	15748	LECT		11	M W F	217	N L	COATES
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	PR ER EQUI CONCURR E	ISITE: CHEM.	431 AND	432, (NE	OF WHIC	H MAY BE	TAKEN	
	#CHEM. 4	33 MAY BE P	EPEATED F	OR CREDI	IT.			
	#1/2 JR 15756	3/4 UNIT LECT			TU TH	114	F C	MARTIN
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CHEM	434 ADV	ANCED ORGAN	IC SYNTHE	SIS.				
	1/4 TO 1 15764	L UNIT LAB	AR	R		218	N L	CURTIN
CHEM		SANIC CHEMIS						
	I/2 UNII			4	м тн	116	F C	RINEHART
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CHEM 436 EXPERIMENTAL ORGANIC CHEMISTRY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 UNIT 15781 LECT S 116 E C FORD 442 2 STATISTICAL THERMODYNAMICS.
PREREQUISITE: CHEM. 441 AND 446 UR CONSENT OF INSTRUCTOR. CHEM 1 UNIT 10 M W F 101 F C CHANDLER LECT QUANTUM DYNAMICS. CHEM PREREQUISITE: REGISTRATION IN CHEM. 349 OR CONSENT OF INSTRUCTOR. 1 UNIT M W F 15802 LECT 101 F C MARCUS CHEM 445 PHYSICAL CHEMISTRY SEMINAP. REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS PHYSICAL CHEMISTRY. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/4 OR 1/2 UNIT LECT-DISC 330-5 15811 112 C A CHEM 490 SPECIAL TOPICS IN CHEMISTRY.
PREREQUISITE: CONSENT OF INSTRUCTION AND HEAD OF DEPARTMENT. 1/4 TO 4 UNITS 15829 CONF STAFF CHEM 493 ADVANCED ELECTRON MICROSCOPY. SAME AS BIRL. 493.

OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.

PREREQUISITE: CREDIT IN BIOL./CHEP. 429 AND CONSENT OF INSTRUCTOR. 1/4 TO 1/2 UNIT LAB-DISC 15837 97 BEV HALL HALL

CHEM 496 THE USE OF CARBON-14 IN LABELING TECHNIQUES. SAME AS AN. S. 496.

PREREQUISITE: CHEM. 336, 337 AND 333 OR EQUIVALENT, CONSENT OF

INSTRUCTOR. 3/4 DR 1 UNIT 15845 LECT 11 1-5 1-5 TU TH 217 N L TU W TH 163 D H 163 D H LAB Λ 15861 LAB C 1-5 163 D H 163 D H LAB D

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LAB

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CHEM 499 THESIS RESEARCH. 15896 AFF CONF STAFF

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NYSTROM

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## COURSES FOR ADVANCED UNDERGRADUATES

CHIN	ALL STU WEEKLY PREREQU 5 HOURS		QUIRED TO	REGISTE		IOUR O	F WORK	
	15900	FRESHMEN.	Α	1	MITHER	£ £	COM W	CHANG
	15918	LECT-DISC	8	1	MITUWITHE	91	COM W	CHANG
	15926	LECT-DISC LECT-DISC LECT-DISC	C	ī	MIUWIHE	96	COM W	
								-
CHIN		TERMEDIATE C ISITE: CHIN.			Τ.			
				4	MIUWIHE	311	DH	MAC DONALD
								AND LI
CHIN		DERN CHINESE LEDGE OF CHI			ANSLATION.			
	OPEN TO	FRESHMEN.						
	15942	LECT-DISC		9-1030	M W	217	G H	MAC DONALD
		COURSES	FOR ADV	ANCED UND	ERGRADUATES	AND	GRADUATES	
CHIN	PREREQU 10 HOUR OPEN TO	TENSIVE CHIN ISTE: CHIN. S OR 2 UNITS FRESHMEN. ERGRADUATE S	301.		LL IN BOTH	SECTI	ON 1 AND	
	SECTION							
	15951	LECT-DISC	1	2-4	MIUWIHE	204	N L N L	CHANG
	15969	LECT-DISC	2	2-4	MIUWIHE	21)4	N L	CHANG
CHIN	PREREQU 5 HOURS	VANCED CHINF ISITE: CHIN. OR I UNIT	303.					
	15977	LECT-DISC		9	M W	113	1208 W CAL 1208 W CAL	CHANG
				9-1030	TU TH		1208 W CAL	WOLFF
CHIN	PREREQU	VANCED READ!						
	15985	LECT-DISC	AF	RR				CHENG
CUL	300 05	AOINGS IN 1.7	TEDARY C	ITMECE				
CHIN		ADINGS IN LI	IEKAKT LI	11.45.25.				
				11	M W F	94	COM W	3013
CHIN	PREREQU	DERN CHINESE ISITE: CHIN.						
		OR 1 UNIT		20				MAC DOWALS
	16000	LECT-DISC	AF	CH.				MAC DONALD

# CIVIL ENGINEERING

DEPARTMENT OFFICE

1114 C E B

# COURSES FOR UNDERGRADUATES

C E	105 INT	RODUCTION T	0 CIVII I	ENCINEEDI	NC		
0 1		SITE: SOPHO				NEERIN	G.
	1 HOUR						
	16018	CONF	H1	4	M	421	
	16026	CONF	H2	4	M. W.	324	
	16034 16042	CONF	H3 H4	4	ini ini	421 324	E H
	16051	CONF	PI	11	TU"	421	
	16069		P2	11	TH	421	
		600	RSES FOR	ADVANCED	UNDERGRAD	UATES	
C F		INEERING SU					
		SITE: C. E.	293 AND	CREDIT O	F REGISTRA	TION I	N C. S. 101.
	4 HOURS	SHOULD DEC	ISTED EN	THE LEC	TIIDE DI IIC	ONE LA	B-DISC PERIOD.
				3	M W F	305	F H
	16)85	L ECT LAB-DISC	L1	9-12	M W F TH TU	104	WOODSHOP
	16093	LAB-DISC	S 1	2-5	TU	104	WOOD SHOP
C E	202 THE	ORY OF MEASI	IREMENT.				
		SITE: C. E.		ONSENT O	F INSTRUCT	OR.	
	3 HOUPS						
	16107	L ECT-DISC		8 9-12	TU TH	212	WOOD SHOP
		LAB-DISC		4-15	10	212	MOUDSHUP
CE		RESTRIAL AN					
		SITE: C. E.	201 OR 0	ONSENT C	F INSTRUCT	OR.	
	3 HOURS 16115	LECT-DISC		,	THE THE	212	11000 51100
	10115	LAB-DISC		1 2-5	TU TH		WOODSHOP
		240 0130		2 )	***	212	W000031101
C E		STRUCTION AN				0.0	
	3 HOURS	3116- 6- 6-	201 CR (	THIS ENT II	F INSTRUCT	UK.	
	16123	LECT-DISC		2	M F	212	WOODSHOP WOODSHOP
		LAB-DISC		2 - 5	W	212	WUOD SHOP
C E	214 PRC	PERTIES AND	BEHAVIOR	E DE CONC	RETE.		
		SITE: T. A.				TANDIN	G IN
		ING OR ARCH	ITECTURE.				
	2 HOURS						
	16131	EN IS AN HOL	MOK2 SECT	IUN.	TH	1215	r = a
	10171	LAB-DISC	i	8-10		1215	
	16158	LECT-DISC	EN.	11	TU TU	1215	CEB
		LECT-DISC LAB-DISC LECT-DISC LAB-DISC LECT-DISC	N.3	10-12	TH	1215	CEB
	16140	LECT-DISC	R	1	TU		CEB
		LAB-DISC	B	1 - 3	TH	1215	CEB
C E		STRUCTION E					
			292, AND	CREDIT	GR REGISTR	ATION	IN C.S. 101 AND
	AND C. E 3 HOURS	. 293.					
	16166	LECT-DISC	C	10	M W F	324	E H
	16174	LECT-DISC	F		M W F	419	ЕН
	2.20	ERIALS FOR	EDANCDOOT	ATTION SA	CILITIES		
CE	PREREDITE	SITE: CREDII	I OR REGI	STRATION	IN C. F	280. 0	R CONSENT OF
	INSTRUCT		. OR REGI	STRATION		2007 UI	COMBERT OF
	3 HOURS						
	16182	LECT-DISC			M W F	200	
	16191	LECT-DISC	D	11	M W F	200	T L

C E	PREFE DUISITE: CF	D DESIGN OF R	NADWAYS.		
	PAFEF QUISITE: CF	EDIT OR PEGIS	TRATION IN C.	E. 280, OR	CONSENT OF
	INSTRUCTOR.				
		S.C. A	B M W	F 200 I	Ł.
2.6	230 INTRIDUCTIO		******		
5 t	SERE DIT STILE: TE				THRE OR CITY
	PLANNING, OR COM	SENT OF INSTR	UCTOR.		
	3 H ) JRS				
	16212 LECT-DI 16221 LECT-DI	SC B	9 M W	F 320 E F 305 E	
	19521 [EC1-01	30 6	1 " "	707 6	n
C E	231 INTRIDUCTIO	N TO TRANSPUR	TATLEN SYSTEMS		
	PREREDUISITE: C.	S. 101, C. F	. 292, C. E. i	193 AND C. F	. 230; UR
	3 H 10285	oc rons			
	14239 LECT-DI	SC C 1	O M W	F 320 E	Н
0, 0	24" CONTROL OF	THE UPBAN ENV	IRONMENT.		
	PREREQUISITE: JU	NIOR STANDING			
	3 HTTRS 16247 LECT-DI	(6 5	. M. II	5 (10 5	
	18747 FEC1-01	50 0 1	1 M M	F 419 E	н
C F	241 WATER QUALI	TY AND WATER	. WILLUTTER		
	PR≻REQUISITE: T. 3 Hadas	A. M. 235.			
	16755 LECT-DI	SC C 1	0 M h 2 M w	F 420 E	н
	16255 LECT-DI 16263 LECT-DI	SC F	2 M w	F 420 E	Н
r E	242 SANTTARY EN	GINEERING PRO	CESSES.		
	PRERFIJISITE: T.	A. M. 235 AN	D CREDIT OR RE	GISTRATION	IN C. E. 241.
	1401.5 LECT-OF	SC E	1 V W	E 423 E	ч
	11. 71	JC L		723 6	
	255 INTRIDUCTI.				
C E	PREPENDICITES T.	A. M 235 (Q	FULL VALENT.	NG.	D.
	PREREQUISITE: T.	C. E. 292 AND	293 CP EQUIV	LENT.	
	3 HILLIRS				
	16280 LECT-DI 16298 LECT-DI	SC A	В м w 1 м w	F 420 E	Н
	16/70	30 0 1	T W	420 6	п
C. F	PREREQUISITE: T		AL ENGINEERING		
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	SECTION &F IS AM	HONORS SECTI	U*{}-		
	16301 LECT-DI 16310 LECT-DI	SC A SC B	8 M W	F 423 E	H
	14.3. LCCT_01	SC EE	1 M to	F 324 E	Н
				F 324 E	
	16328 LECT-01	SC LM	8-92C TU TE	1 324 E	Н
	16328 LECT-DI	SC LM	8-92C TU TH	1 324 E	Н
. Е			8-92C TU TH	324 E	Н
, E	252 STRUCTURAL	THEORY, II.	8-92C TU TE	1 324 E	н
, Е	262 STRUCTURAL PRESENTE: C.	THEORY + II. F. 261.	8-92C TU TH	324 E	н
, Ē	262 STRUCTURAL PRESENTE: C.	THEORY + II. F. 261.	8-92C TU TH	324 E	н
, ξ	252 STRUCTURAL	THEORY + II. F. 261.	8-92C TU TH	324 E	н
	252 STRUCTURAL  PRERE JUISTIE: C.  3 HUMPS 16384 LECT-DI 16352 LECT-DI	THEORY, II. E. 261. SC 8 SC RS	8-92C TUTH 9 M W 1-220 TUTH	F 42C E	н
. E	262 STRUCTURAL PRESTURISTE: C. 3 HUPES 16344 LECT-DI 16352 LECT-DI 263 WEHAVIOR AND	THEORY, II. F. 261. SC 8 SC RS	8-92C TU TH	7 324 E F 42C E F 420 E	н н
	262 STRUSTURAL PRESEDUTISTE: C. 3 HUMPS 16364 LECT-DI 16352 LECT-DI 263 BEHAVIOR AN PRESEDUTISTE: I. 3 HUMPS	THEORY, II. F. 261. SC 8 SC RS D DESIGN OF M	9 M W 1-220 TU TH	F 42C E H 42O E	H H F INSTRUCTOR.
	262 STRUCTURAL PRESENTING STRUCTURAL PRESENT STRUCTURAL RECT-DI 16352 LECT-DI 263 BERRYUIN AN AMERIYUINITE: I. 4 HJJ95	THEORY, II. F. 261. SC B SC RS D DESIGN OF M A. M. 224 AN	9 M W 1-220 TU TH	F 42C E H 42O E	H H F INSTRUCTOR.
	262 STRUSTURAL PRESEDUTISTE: C. 3 HUMPS 16364 LECT-DI 16352 LECT-DI 263 BEHAVIOR AN PRESEDUTISTE: I. 3 HUMPS	THEORY, II. F. 261. SC B SC RS D DESIGN OF M A. M. 224 AN	8-92C TU TH	F 42C E H 42O E	H H F INSTRUCTOR.
€ €	262 STRUCTURAL PRESENTING TEC. 3 HIPPS 16344 LECT-DI 16352 LECT-DI 263 BEHAVIRE AN AREAFIUISITE: 1, 1 HIDPS 16379 LECT-DI 16379 LECT-DI	THEORY, II. F. 261. SC B SC RS D DESIGN OF M A. M. 224 AN SC C I	9 M W 1-220 TU TH THE TAL STRUCTURE O C. E. 261, 6	F 42C E H 42O E	H H F INSTRUCTOR.
	262 STRUSTURAL PRE-FIGURES 16364 LECT-DI 16352 LECT-DI 263 BEHAVIOR AN PRE-FIGURES 16261 LECT-DI 16279 LECT-DI 264 RETVEURCED	THEORY, II. F. 261. SC 8 SC RS D DESIGN OF M A. M. 224 AN SC E 1 SC C	9 M W 1-220 TU TH ETAL STRUCTJRU 0 C. E. 261, C 1 M W 3 M W	F 420 E 420 E 5. 1. R CONSENT OF 320 E F 421 E	H H F INSTRUCTOR.
€ €	262 STRUCTURAL PRESENTING TO STRUCTURAL PRESENTING THE CO. 3 HIJPS 16344 LECT-DI 16352 LECT-DI 263 DERENTING AND PARENTING TO 16379 LECT-DI 16379 LECT-DI 16379 LECT-DI 264 REINFURCED PRESENTING TO STRUCTURAL PROCESSION TO	THEORY, II. F. 261. SC 8 SC RS D DESIGN OF M A. M. 224 AN SC E 1 SC C	9 M W 1-220 TU TH ETAL STRUCTJRU 0 C. E. 261, C 1 M W 3 M W	F 420 E 420 E 5. 1. R CONSENT OF 320 E F 421 E	H H F INSTRUCTOR.
€ €	262 STRUCTURAL PRESENTIALISTE: C. 3 HIJPS 16344 LECT-DI 16352 LECT-DI 263 BEHAVIOR AN PRESENTIALISTE: I. 1 HIJPS 16279 LECT-DI 264 REINFURCED PRESENTIALIST: C. 1 HIJRS 265 FE: IN TWO-F	THEORY, II. F. 261.  SC B SC RS  D DESIGN OF M A. M. 224 AN SC C SC C  CONCRETE DESI E. 214, C. F	9 M W 1-220 TU TH 1 T	F 42C E 420 E 420 E 5, I. IR CONSENT O F 421 E	H H H  F INSTRUCTOR. H H H
€ €	262 STRUCTURAL PRESENTIALISTE: C. 3 HIJPS 16344 LECT-DI 16352 LECT-DI 263 BEHAVIOR AN PRESENTIALISTE: I. 1 HIJPS 16279 LECT-DI 264 REINFURCED PRESENTIALIST: C. 1 HIJRS 265 FE: IN TWO-F	THEORY, II. F. 261.  SC B SC RS  D DESIGN OF M A. M. 224 AN SC C SC C  CONCRETE DESI E. 214, C. F	9 M W 1-220 TU TH 1 T	F 42C E 420 E 420 E 5, I. IR CONSENT O F 421 E	H H H  F INSTRUCTOR. H H H
€ €	262 SIRUSTURAL PRE-FIJISITE: C. 3 HIJPS 16364 LECT-D1 16352 LECT-D1 263 BEHAVIDE AN AREREFIJISITE: I. 3 HIJPS 16261 LECT-D1 264 REINFURCED PRE-REGULSITE: C. 3 HIJRS 4N TE: IN) TWO-HIGHER AREA TECT-D1 16367 LECT-D1 16367 LECT-D1 16367 LECT-D1	THEORY, II. F. 261. SC 8 SC RS D DESIGN OF M A. M. 224 AN SC C CONCRETE DESI E. 214, C. F HUR DEMONSTRA SC L SC L SC L SC L	9 M W 1-220 TU TH ETAL STRUCTJRU 0 C. E. 261, C 1 M W 3 M W GN, 1 261, T. A. A TIDN LARGRATOR M W 1 M W	F 42C E 420 E 420 E 5. 1. R CONSENT O F 421 E 6. 224.	H H H RRANGED. H H
€ €	262 STRUCTURAL PRESENTIALISTE: C. 3 HIJPS 16344 LECT-DI 16352 LECT-DI 263 BEHAVIOR AN PRESENTIALISTE: I. 1 HIJPS 16279 LECT-DI 264 REINFURCED PRESENTIALIST: C. 1 HIJRS 265 FE: IN TWO-F	THEORY, II. F. 261. SC 8 SC RS D DESIGN OF M A. M. 224 AN SC C CONCRETE DESI E. 214, C. F HUR DEMONSTRA SC L SC L SC L SC L	9 M W 1-220 TU TH 1 T	F 42C E 420 E 420 E 5. 1. R CONSENT O F 421 E 6. 224.	H H H RRANGED. H H

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FOUNDATION ENGINEERING.
          PREREQUISITE: T. A. M. 221.
           3 HOURS
          SECTION &F IS AN HONORS SECTION.
                                      10 M W F B222 C E B
2 M W F B222 C E B
930-11 TU TH B222 C E B
               LECT-DISC C 10
LECT-DISC &F 2
LECT-DISC MN 930-
         16417
        16433
        16425
C F 290 CONTRACTS AND SPECIFICATIONS.
          SAME AS G. E. 290.

PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE.

*CREDIT IS NOT GIVEN FOR C. E. 290 IN ADDITION TO G. E. 292
          *2 HOURS
                 LECT-DISC L 8
        16441
                                                        TU TH
                                                                  305 E H
        16450
       292 DESIGN AND PLANNING OF CIVIL ENGINEERING SYSTEMS.
CE
          PREREQUISITE: INTEGRAL CALCULUS.
           3 HOURS
                     LECT-DISC A
                                                                    322 E H
        16468
                    LECT-DISC B
LECT-DISC &G
LECT-DISC MN
                                             9
                                                       M W E
        16476
                                                                    305 E H
        16492
                                             3
        16484
                                          933-11
                                                        TU TH
                                                                    421
    293 STOCHASTIC CONCEPTS IN CIVIL ENGINEERING.
C F
          PREREQUISITE: INTEGRAL CALCULUS.
          3 HOURS
                    LECT-DISC A 8
LECT-DISC &C 10
LECT-DISC F 2
LECT-DISC PS 1-22C
                                                     M W F M W F
        16506
                                                                    421 E H
        16531
                                                                    423
                                                                    305 E H
        16514
                                        2 M W F
1-22C TUTH
                                                                    320
               PROFESSIONAL PRACTICE.
         PREREQUISITE: JUNIOR STANDING.
          O CREDIT
        16549
                    LECT
                                                                    151 E E B
                                                         W
C F
       297
               SPECIAL PROBLEMS.
          PREREQUISITE: SENIOR STANDING.
          1 TO 4 HOURS
          *SECTION CT: CONCRETE TECHNOLOGY.
          *SECTION H: CIVIL ENGINEERING HONDRS.
        16557 CONF *01 ARR
16565 CONF *C2 ARR
                                                                                            STAFF
                                                                                             STAFF
                                                     M W F 305 E H
TU TH 423 E H
        BOYER
                                                                                            HILSDURF
                                                                                            HENDRON ET AL
                         COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
C F
      305 OBSERVATIONAL ASTRONOMY.
                SAME AS ASTR. 314.
          PREREQUISITE: MATH. 142 OR 143; ASTR. 102 OR 210 OR C. E. 201.
          4 HOURS OR 1 UNIT
*THRFE HOURS OBSERVATIONAL WORK TO BE ARRANGED.
*2 M W F 124 OBSERV
        16503
                                                                                           KALER
               GEODETIC ENGINEERING.
        PREPEQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
3 HJURS, OR 3/4 TO 1 UNIT
16611 LECT-DISC A 8 M W F 2
                                                                   212 WUOD SHOP
CE
                FUNDAMENTALS OF SYSTEMS APPROACH.
         * FUNDAMENTALS OF SYSTEMS APPROACH.
PREREQUISITE: C. E. 292, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
6620 LECT-DISC G 3 M W F 324
        16620
                                                                   324 F H
                CONSTRUCTION PRODUCTIVITY.
CE
        PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

16638 LECT-DISC C 10 M W F 419 E H
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316 CONSTRUCTION PLANNING. THEREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.

3 HOURS, NR 1/2 OR 1 UNIT

6546 LECT-DISC ST 230-4 TO TH 420 620 F H 11561 19 CUNSTRUCTION COST AMALYSES AND ESTIMATES.
PREFEQUISITE: C. F. 216, OR CUNSENT OF INSTRUCTOP.
3 HOWRS, OR 1/2 OR 1 UNIT
16654 LECT-01SC RS 1-220 TU TH 32 0.5 1-220 TU TH 324 F H HIGHWAY TRAFFIC CHARACTERISTICS. PRESEQUISITE: C. E. 220 UR CONSENT (F INSTRUCTOR. 3 HJURS OR 1/2 UNIT 16662 LECT-DISC D 11 M W F 324 E H NA AIMPORT DESIGN.

DEFREQUISITE: C. E. 220 AND SENT & STANDING IN CIVIL ENGINEERING. CF TR CINSENT OF INSTRUCTOR. 3 HOURS, OF 1/2 OF 1 UNIT 16671 230-4 TU TH 200 T L A RAILWAY LOCATION AND OPERATION.

PREKEJUISITE: SENIJR STANDING JA CONSENT OF INSTRUCTOR. FOR THOSE TAKING A MINOR IN PAILROAD OR TRANSPORTATION ENGINEERING, CREDIT OR CF 335 PEGISTRATION IN C. E. 230.
3 HUMRS, OR 1/2 OR 1 UNIT 16689 1 4 W F 322 F H CE TERMINALS. PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR. FOR THOSE TAKING A MINOR IN PAILFOAD OF TRANSPORTATION ENGINEERING, CREDIT OR REGISTRATION IN C. F. 237.
3 HOURS, OR 1/2 OR 1 UNIT TIL TH 322 F H 15697 1.1 34R AIR POLLUTION SEMINAP.

SAME AS AG. E., G. E., GE.G., M. E., U. P., AND V. M. S. 348.

PREREQUISITE: SENIOR OR GRADUATE STANDING.

2 HURS OR 1/2 UNIT CE 16701 LECT-DISC 218 M F B HYDRAULIC STRUCTURES.

PREREQUISITE: C. E. 255, OR CONSENT OF INSTRUCTUR.
3 HOURS OR 3/4 UNIT 353 LECT-DISC C 10 M W F 322 E H 16719 356 HYDMAULICS OF SUPFACE DRAINAGE.

PREKEDUISITE: C. E. 255, OR CONSENT OF INSTRUCTOR.

3 HOURS, JR 3/4 OR I UNIT

16727 LECT-DISC MN 930-11 TU TH 324 CF 930-11 TU TH 324 E H ADVANCED STRUCTURAL ANALYSIS. PREREDUISITE: C. E. 262 OR EQUIVALENT.
3 HOURS, OR 3/4 OR I UNIT
16735 LECT-DISC MN 930-11 TO TH 320 E H 16735 363 BEHAVIOR AND DESIGN OF METAL STRUCTURES, II.
PREMOUTSITE: C. F. 263 OR CONSENT OF INSTRUCTOR.
3 HOURS, DR 3/4 OR I UNIT
16743 LECT-DISC LM 8-920 TU TH 32 320 E H 64 REINFORCED CONCRETE DESIGN, II.
PREREQUISITE: C. E. 264, CREDIT OR REGISTRATION IN C. E. 262.
3 HOURS, OR 3/4 OR I UNIT
16751 LECT-DISC C 10 M W F 305 E H C F DESISN OF STRUCTURAL SYSTEMS.

PREREQUISITE: C. F. 263, OR C. F. 264, OR FOULVALENT.
3 HOURS UR 1 UNIT

4 W F

305 E H

8

16760 LECT-DISC A

BEHAVIOR OF REINFORCED CONCRETE MEMBERS. C F 366 PREREQUISITE: FOR UNDERGRADUATES, SENIOR STANDING AND C. E. 264:
FOR GRADUATES, B. S. DEGREE IN CIVIL ENGINEERING OR ARCHITECTURE
WITH COURSES IN STRUCTURES AND PEINFURCED CONCRETE DESIGN.
4 HOURS OR 1 UNIT NUTE: ALTHOUGH UPON TO ADVANCED UNDERGRADUATES, THIS COURSE SHOULD BE TAKEN BY SUCH STUDENTS UNLY AFTER CONSULTATION WITH THE INSTRUCTOR. LECT-DISC D 1.1 16778 322 F H PRESTRESSED CUNCRETE. PREXEQUISITE: C. E. 262, 764. 3 HOURS, JR 3/4 UR 1 UNIT 16786 LFCT-DISC G 4 W F 320 E H BEHAVIOR AND DESIGN OF WOOD STRUCTURES. PREFEDITISITE: C. E. 261 OP EQUIVALENT OF CONSENT OF INSTRUCTOR.
3 HOURS, UR 3/4 OR 1 UNIT
5794 LECT-DISC B 9 M W F 322 E H 16794 74 INTRODUCTION TO STRUCTURAL DYNAMICS.

PREREQUISITE: T. A. M. 212; MATH. 345; C. E. 261; OR EQUIVALENT.

\*CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311.

\*3 HOURS, OR 374 OR 1 UNIT

16808 LECT-DISC F 2 M W F 421 E H 374 16308 383 SOIL MECHANICS.

PREREQUISITE: C. E. 280, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT
16916 LECT-01SC E 1 M W F 8218 C E 8
16924 LECT-DISC RS 1-220 TU TH 8218 C E 9 r F 84 APPLIED SUIL MECHANICS.
PREREQUISITE: C. F. 383, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
16832 LECT-DISC E 1 M w F 321
16841 LECT-DISC ST 230-4 TU TH 320 M w F 320 E H TU TH 320 E H 16841 COMPUTER METHODS IN CIVIL ENGINEERING.

PRERFUUISITE: C. S. 101 OR EQUIVALENT; SENIOR OR GRADUATE STANDING
IN CIVIL ENGINEERING; OR CONSENT OF INSTRUCTOR.

3 HOURS, 7R 1/2 OR 1 UNIT

6859 LECT-DISC B 9 M W F 419 E H CF 391 16859 COURSES FUR GRADUATES C F 404 ANALOGUE PHOTOGRAMMETRY, II. PREREQUISITE: C. E. 403 OR CONSENT OF INSTRUCTOR. 1 UNIT 16867 LECT-DISC B M W F 212 WCODSHOP KARARA ANALYTICAL AEROTRIANGULATION. PREKEQUISITE: C. E. 304 OR CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC D 11 16875 M W F 212 WOODSHOP WONG DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, 11. C F 417

C E 405 ANALYTICAL AEROTRIANGULATION.

PREKEQUISITE: C. E. 304 GR CUNSENT OF INSTRUCTOR.

1 UNIT

16875 LECT-DISC D 11 M W F 212 WOODSHOP WONG

C E 417 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, 11.

SAME AS I. E. 417.

POFREQUISITE: C. E. OR I. E. 416, CREDIT OR REGISTRATION IN MATH. 315, OR CONSENT OF INSTRUCTOR.

1 UNIT

\*SECTION CE FOR C. E. STUDENTS ONLY.

\*SECTION LM FOR I.E. STUDENTS ONLY.

16883 LECT-DISC \*CE 8-92C TU TH 322 E H WOODHEAD DESSOUKY

C F 421 PAVEMENT DESIGN, II.

PREFEQUISITE: C. F. 220, OR EQUIVALENT.

1 UNIT

1 UNIT

1 OF 421 PAVEMENT DESIGN, II.

PREFEQUISITE: C. F. 220, OR EQUIVALENT.

1 UNIT

1 ONT

-	4	423 HIO PRERFIJU	ISITE: C. F.				CTOR.		
		1 UNIT 16913	LFCT-DISC	В	9	M W F	200	T L	THOMPSON
(	Ε	PREREGUI	DMETRIC HIGH			LNSENT CI	F INSTRU	ICTOR.	
		1 UNIT 16921	LECT-DISC	E G F G	1 1-4	TIJ W	421 309	Е Н Е Н	WORTMAN
C	F	428 TRA PREREQUI	AFFIC ENGINE ISITE: C. E.	ERING OPI 325 AND	ERATIONS. 426 OF E	QUIVALEN:	т.		
		16930	L FC T-DISC L AB	PT PT	2 1-4	TU TH	421 421	E H	BAERWALD
۲	€	436 RAI PREREJUI 1 UNIT	ILROAD LOCAT ISTTF: C. F.	ION AND S	OPERATION CONSENT C	F [NSTRU	CTOR.		
		16948	LECT-DISC	G	3	TU TH	322	E H	HAY
C	. [	<b>PRESEDUI</b>	ORY OF WAST	E-WATER	TREATMENT BIO. 101,	C. E. 3	46.		
		1 UNIT 16956	LECT-DISC	NP	10-12	TU TH	420	ЕН	OC ONNOR
	F	443 401	VANCED SANIT	ADV ENCT	UEEDTAC I	AUDRATORS	,		
	,	PERREQUI L UNIT	ISITE: C. E.	441, AN	O CREDIT	OR REGIST	TRATION	IN C. E. 442.	
		16964	LAB-DISC	PW	1-5	10 TH	4706	CEB	OC ONNOR
_	۴	444 INF	TAW IATRIAL	FR AND W	ASTES TRE	AIMENT.			
		DEEDE JUI	ISITE: CREDI	T OR PEG	ISTRATION	IN C. E.	. 440 AN	D 442+	
			LECT-DISC	L M	8-10	TU TH	420	ЕН	ENGEL BRECHT OCONNOR
C	F	446 DES PREREQUI IR CONSE	SIGN OF WATE ISITE: C. E. ENT OF INSTR	R AND WA! 440; CRE	STE TREAT EDIT OF R	MENT PLAN	NTS. ION IN C	. E. 442;	
		16 381	CITONAL HOUP LAB	EH	*1-3	М	309	ЕН	DICK
				ЕН	*1-5	F	309	E H	
٢	٢	447 RAC			SAL.				
		PRERF QUI	ME AS NUC. E ISITE: PHYCS		CHFM. 39	8 CR NUC	E. 398	OR CONSENT OF	:
		1/2 DR 1							
		16997	LECT-DISC	В	9	M W F	421	ЕH	EWING
	_								
L	E	PREREQUI	ISITE: CREDI	R PULLUTA T OR REG:	ANTS. ESTRATION	IN C. E.	. 448.		
		1/2 DR 1		RD	9-12	<b>4</b> F	4206	CEB	STUKEL
С	٢	452 WAT	TER RESOURCE		STRUCTOR.				
		1 UNIT 17013	LECT-DISC	F	2	M W F	1518	нѕі	CHOW
C	Ε		EN CHANNEL H			CO CO C.	T 05 1	CIDUCTOS	
		1 UNIT	ISITE: B. S.						
		17021	LFCT-DISC	G	3	M W F	423	EH	WENZFL
(	F	461 '1AT	TREX FORMULA	TION JE	STRUCTURA	L ANALYSI	I S .		
		PRERE JUI	ISITE: C.E.	361 DR F	UIVALENT				
		17030	LFCT-DISC	Α	8	M W F	320	ЕН	WRIGHT

С	F	PRERFQUI ANALYS IS	IMIZATION OF SITE: B. S. AND DESIGN	IN ENGI	NEERING W			IN ST	TRUC	TURAL	
		1 UNIT 17049	LECT-DISC	С	10	M i	N F	421	E F	•	KHACHATURIAN
С	E		UCTURAL DESI			IIH (	COURSES	IN S	TRUC	TURES.	
		1 UNIT 17056	LECT-DISC	F	2	м 1	N F	324	E F	1	GAYLORD
С	F	469 THI	N SHELL STRU SITE: C. F.	UCTUPES.	CONSENT O	E IN	TRUCTO	ρ.			
		I UNIT	LECT-DISC						E +	1	SCHNOBRICH
С	E		ERICAL AND A	APPFOXIM	ATE METHE	DS OF	STRUC	TURAL	ANA	LYSIS.	
		1 f0 2 U 17072	LECT-DISC	Е	1	м ы	F	420	E H	ł	EUBANKS
С	Ε		AMICS OF FRA			IVALE	NT.				
		1 TO 2 U 17081	NITS LECT-DISC	G	3	м	v F	419	E H	1	AMIN
С	E		STIC ANALYSI SITE: C. E.			F IN	STRUCTO	ρ.			
		1 UNIT	LECT-DISC						E +	1	GAYLGRD
С	F	PREREQUI EQUIVALE	CRETE METHOD SITE: C. F. NT, AND REGI OF INSTRUCTO	379, A. ISTRATIO	A. E. 32	6 NR	T. A.	M. 351	LOR		
		1 UNIT 17102	LECT-DISC	29	1-220	TU	TH	419	EH	1	SCHNOBRICH
С	F	480 EAR PREREQUI 1 UNIT	TH PRESSURES					84.			
			LECT-DISC	F	2	М	f F	320	£ F	1	IREL AND
С	Е	483 ANV PREREQUI	ANCED SOIL A		S, II.						
		17129	LECT-DISC LAB	E E	10 8-11	Му	TH	B218 B218	C E	B B	MESRI
С	F		NOATION ENGI SITE: C. E.		•						
		1 UNIT 17137	LECT-DISC	ST .	230-4	TU	TH	419	E H		PECK
С	Е	PREREQUI	L ENGINEER IN SITE: C. F.	IG FUR TI 383 OR	RAN SPOR TA EQUIVAL EN	TION	FACILI	TIES.			
		1 UNIT 17145	LECT-DISC	D	11	М	F	471	E H		THORNBURN
С	F		ICIPAL ADMIN					NSENT	OF	INSTRUCTOR.	
			LECT-DISC	Α	8	M V	N F	324	ЕН		DANNER

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*COURSE MAY BE REPEATED FUR CREDIT.
             ** O OR 1/4 UNIT
SECTION AG--ADVANCED SANITARY ENGINEERING.
             SECTION G--SANITARY.
             SECTION P--PHOTOGRAMMETRY AND GEODESY.
             SECTION S--STRUCTURES.
             SECTION T: TRANSPORTATION.
             SECTION W--HYDRAULICS AND WATER RESCURCES.
                    CUNF AG ARR
          17161
          17170
                                                        3-5
                                                                                   1518 H S L
                                                                                                                 I FI AND
                                                                                  212 WOODSHOP
305 E H
          17188
                          CONE
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          17196
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          17218
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             7 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
CE
             O TO 4 UNITS
             THOSE SECTIONS TO BE ARRANGED WILL CONSIST OF TWO HOURS OF LECTURE
             THOSE SECTIONS TO BE APPANGED WILL CONSIST OF TWO HOURS OF AND SIX HOURS OF LAB PER WEEK.

SECTION BS: BUILDING SYSTEMS - 1 UNIT.

SECTION CC: CHEMISTRY OF CEMENTS - 1 UNIT.

SECTION CT: CONCRETE TECHNOLOGY - 1 UNIT.

SECTION ED: ENGINEERING DECANDERAPHY - 1 UNIT.

SECTION ED: CONTROL OF ENVIRONMENTAL PROBLEMS - 1/2 UNIT.

SECTION F: SOLID MASTES MANAGEMENT - 1/2 OR 1 UNIT.

SECTION RE: ROCK MECHANICS II - 1 UNIT.

SECTION T: FEMOTE SENSING OF ENVIPONMENT - 1/2 OR 1 UNIT.
             SECTIONS 01, D2, AND 03: OTHERS.

226 LECT-DISC BS 11

234 LECT-DISC CC AKR
          17226
                                                                                  305 E H
                                                                                                                 BOYER
          17234
                                                                                                                 YOUNG
                         LECT-DISC CT
LECT-DISC ED
LECT-DISC EP
                                                                                 423 E H
305 E H
206 T B
                                                  930-11
                                                                    TU TH
          17242
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          17251
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          17269
                                                                     TU TH
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          17277
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                          LECT-DISC R2
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          17307
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          17315
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          17323
                          CONF
                                          03
                                                  ARR
                                                                                                                  STAFF
          99 THESIS RESEARCH.
0 TO 4 UNITS
      499
             *SECTION M IS FOR MASTERS DEGREE, SECTION D IS FOR PH.D. DEGREE.
                     CONF
                                                  ARR
          17331
                                        *M
                                                                                                                 STAFE
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CIVIL AND SANITARY ENGINEERING SEMINAR.

#### CLASSICAL ARCHAEOLOGY

APP

DEPARTMENT OFFICE

\*D

17340

CE 405

361 1 H

STAFF

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

THE TOPOGRAPHY CF ROME.
PREREQUISITE: CLARC. 332 OR EQUIVALENT; OP CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OP 1 UNIT
WAY BETT-DISC A 1 M W F 409 LIB 17358 ALLEN DEPARTMENT DEFICE

#### SEE ALSO GREEK AND LATIN

#### CLASSICAL CIVILIZATION

NATE: THE FOLLOWING COURSES PRESUPPOSE NO KNOWLEDGE OF THE GREEK OR LATIN LANGUAGE AND ARE UPEN TO ALL STUDENTS. FOR OTHER COURSES IN THE AREA OF CLASSICAL CIVILIZATION SEE ARCH. 113, ART 301, 302 303, 304, 305, 306, AND 97. HIST. 181, 182, 381, 3R2, 383, AND 384, AND PHIL. 303, 309, AND 310.

#### COURSES FOR UNDERGRADUATES

CLCIV 110	INTRIDUCTION	TO GREEK	CULTURE.

17366 LECT-DISC A 11 TU TH 196 L H BRIGHT

CICIV 111 MYT 2 HOURS 17374 MYTHOLOGY OF GREECE AND POME.

LECT TU TH 141 COM W 141 COM W DUNN 11 LECT 17382 DUNN

CLCTV 112 GRE 2 HOURS GREEK DRAMA IN ENGLISH TRANSLATION.

17391 LECT-DISC A 9 TU TH 362 L H 209 D K H JACOBSON KLECKA 17404

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

# CLCIV 302 LATIN LITERATURE IN TRANSLATION. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT

LECT-DISC A 4 w F 430 ARMORY HELLER

#### COMMUNICATIONS

DEPARTMENT DEFICE

1207 W OREGON

THE GRADUATE PROGRAM LEADING TO THE DEGREE OF DOCTOR OF PHILOSOPHY IN COMMUNICATIONS IS ADMINISTERED BY AN INTERDISCIPLINARY COMMITTEE APPOINTED BY THE DEAN OF THE COLLEGE OF COMMUNICATIONS. STUDENTS SEEKING ADMISSION TO THIS PROGRAM SHOULD CONSULT JAMES W. CAREY, CHAIRMAN OF THE COMMITTEE.

OF THE COURSES OFFERED THIS SEMESIEF, COMM. 471, 490, AND 499 ARE IN THE GENERAL CATEGORY, COMM. 3C7, 344, 444, 462, 468, 470, 473, 474, 477 AND 481 ARE IN GROUP A, AND COMM. 325, 370, 420, 424, 425 AND 456 ARE IN GROUP B.

#### COURSES FOR ADVANCED UNDERGRADUATES

#### 217 HISTORY OF COMMUNICATIONS. COMM

SAME AS JOURN. 217.

PREREQUISITE: REGISTRATION IN THE CULLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.

3 HOURS

17421 ER ICKSON KNIGHTS LECT-DISC E M W F TU TH 215 G H LECT-DISC P 215 G H 215 G H 17439

C - WM 22" PRICESSES AND SYSTEMS OF COMMUNICATIONS. SAME AS JOURN. 220. CHASENT OF THE COLLEGE. CHOIRS

SECTIONS 61 AND G1 APE FOR ART-GRAPHIC DESIGN MAJORS ONLY. ALL

ITHER STUTENTS MUST EMPOUL IN SECTIONS 92 AND G2. STUDENTS IN THE

COLLEGE OF COMMUNICATIONS SER JUURNALISM 220.

44-7 LECT-DISC \*\*E1 10 4 6 F 113 G H

46-3 LECT-DISC \*\*E2 10 4 6 F 113 G H n F 174+7 KREIL ING 17463 17455 LECT-DISC \*G1 LECT-DISC \*G2 3 M W E 113 G H CAREY 17471 M C'MM 231 MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY. SAME AS JOURN. 231.
PORTEQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS. OR CLASENT OF THE CULLEGE. 3 41:125 \*SECTIONS OF AND FE ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL CITIES STUDENTS MUST EXROLL IN SECTIONS DZ AND F7. LECT-DISC \*D1 LECT-DISC \*D2 LFCT-DISC \*E1 17441 11 BOSTON F 11 40 123 GH 3.6 \_ 123 GH GUBACK LECT-DISC \*E2 123 G H C M/ 241 LAW AND COMMUNICATIONS. SAME AS JOURN. 241. PRESENTISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE. 3 H )1125 LECT-DISC 4 W F 113 G H ALFELD C MM 251 STOTAL ASPECTS OF MASS COMMUNICATIONS. SAME AS JOURN, AND SOC. 251.
PREPODUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE. LECT-DISC F 215 G H 215 G H KREILING Sec. CHURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES COMM 309 THE ART OF THE SCREEN: EXP.SITE N AND PERSUASION. SAME AS SPOH. 308. PURREDUISITE: COMM. 307 OR CONSENT OF INSTRUCTOR. 3 HOURS OF 1/2 UNIT 1755. 331 ARMORY 331 ARMORY 3-5 F COMM 351 ADVANCED SPCIAL PSYCHOLOGY.

SAME AS PSYCH. 351 AND SDC. 351.

PSECONDISTIE: PSYCH. 201 PS SDC. 201 AND FITHER PSYCH. 235 OR

SCC. 385 OP A COMPARABLE STATISTICS COURSE. 3 HOURS, OR 1/2 OR 1 UNIT 17579 LECT 3-420 TU TH 32 PSYCH BLDG COMM 370 LANGUAGE, CULTURE AND SECIETY.
SAME AS ANTH, AND LING, 370.
3 HOURS, DR 1/2 OR 1 UNIT 17587 LECT-DISC 304 1 H COURSES FOF GRADUATES SEMINAR ON SOCIAL INTERACTION.

CLMM 414 SEMINAR ON SOCIAL INTERACTION.
SAME AS SOC. 414.

DREST DUISTITE: DNE UNIT OF GRADUATE CHEDIT IN SOCIOLOGY.
1 UNIT
17595 LECT-DISC 2-4 TU 333 LH

SEMINAR IN SEMANTICS. CCMM 420 SAME AS PHIL. 420.

PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OF EQUIVALENT. \*MAY BE REPEATED FOR CREPIT. TOPIC -- FEFERPING. LECT-015C 1-3 TH +02 GH 17509 CCMM 424 LINGUISTICS AND COMMUNICATION. SAME AS LING. 424. 1 UNIT 3-5 11 43 G H 17517 D21C-T031 426 RESEARCH SEMINAR IN PSYCHOLINGUISTICS.
SAME AS LING. AND PSYCH. 426.
PREREQUISTIE: COMM. 425, CONSENT OF INSTRUCTION. COMM 1/2 R 1 UNIT 17625 LECT SCB PSYCH BLD's 9-11 TU CCMM 432 RADKS AND EIRPAPIES SINCE THE PENALSSANCE.
SAME AS LIB. S. 432. 1 UNIT 17633 LECT-DISC 11-230 M w 3288 LIB 456 PSYCHOLOGY IF SOCIAL COMMUNICATION.

SAME AS PSYCH. 456.

PREREQUISITE: PSYCH. 351 GR COULVALENT, UP CONSENT OF INSTRUCTOR. СПММ 1 WALT 17641 LECT 1-3 M 9 PSYCH BING CCMM 463 WIRLD BREADCASTING.

SAME AS R. TV. 464.

PREREQUISITE: CCMM. 462 M CONSENT OF INSTRUCTOR. 1 UNIT 3-5 4 123 G H 17550 LECT-DISC H DOUGLASS COMM 468 THE PULITICAL ECONOMY OF COMMUNICATIONS. SAME AS JOURN. 468.
PREREDUISITE: CONSENT OF THE CILLEGE OF COMMUNICATIONS. 1 UNIT 17668 TH 123 G H 1 FCT-DISC 1 - 3 SHHACK CCMM 470 COMMUNICATIONS AND POPULAR CULTURE.
SAME AS JOURN. 470.
PRESEQUISITE: COMMENT OF THE CULLEGE OF COMMUNICATIONS. 1 UNIT 17676 LECT-DISC 3-5 TH 123 G H KREILING COMM 473 HISTORY AND THEORY OF FREEDOM OF THE PRESS.

SAME AS JOURN. 473.

PREREQUISITE: CONSENT OF THE CILLEGE OF COMMUNICATIONS. I UNIT 10-12 TH 123 G H LECT-DISC 17684 JENSEN COMM 481 ADVANCED ADVERTISING PRINCIPLES. SAME AS ADV. 481. SAME AS ADV. 481. \*GRADUTE STUCENTS MAY NOT RECEIVE CREDIT FOR BITTH ADV. 388 AND COMM. 481. #1 UNIT LECT-0150 4-5 W 123 G H WEDDING 17592 COMM 482 RESEARCH METHODS IN ADVERTISING AND CEMMUNICATIONS. SAME AS ADV. 482.

PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS. 1 UNIT 17706 LECT-DISC TU 123 G H YANG 1 - 3

COMM 490 SPECIAL TOPICS IN COMMUNICATIONS.

PREMEDUISITE: CONSENT OF CHARMAN OF COMMITTEE ON GRADUATE
STUDY IN COMMUNICATIONS. 1/2 T) 2 INITS

SECTION A TOPIC: PEADINGS IN PROBLEM CULTURE.

SECTION 1 TOPIC: HISTORY OF COMMUNICATIONS. (REASERCH).

SECTION C TOPIC: QUANTITATIVE METHODS IN COMMUNICATIONS. CONF ARR
CONF \*A 73C-93CPM TH 123 G H
CONF \*B 730-93OPM TU 123 G H
CONF \*C AKR STAFF 17714 17722 CAREY 17731 KNIGHTS 17749 WIGGINS PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE (N GRADUATE STUDY IN COMMUNICATIONS AND THESIS SUPERVISIR. COMM 430 \*STUDENTS MAY ACCUMULATE A TOTAL OF 8 UNITS. \*2 T1 4 UNITS 17757 CONF STAFF CEMPARATIVE LITERATURE DEPARTMENT CEFICE 401 L H COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES C LIT 313 THE DIVINE COMEDY.
SAME AS ITAL. 313.
PREREQUISITE: JUNIOR STANDING.
2 HOURS OR 1/2 UNIT
17765 LECT-DISC 10 TU TH 230 L H KAHANE C LIT 359 THE INTERNATIONAL FOLK TALE.

SAME AS ENGL. 359.

3 HOURS OR 374 UNIT

17773 LECT-DISC D 11 11 M W F 205 E B FLANAGAN C LIT 364 INTRIDUCTION TO COMPARATIVE LITERATURE, II. SAME AS HUMAN. 364. SAME AS HUMAN, 364.

3 HOURS OR 3/4 UNIT

17781 LECT-DISC A 11 TU TH 176 L H B. SMALLEY

17790 LECT-DISC B 2 TU TH 370 L H B. SMALLEY COURSES FOR GRADUATES C LIT 431 COMPARATIVE SLAVIC LITERATURE.
SAME AS SLAV. 431. 1 UNIT 17903 LECT-DISC B 220-335 TU TH 305 G H L. IRIBARNE C LIT 451 SEMINAR IN LITERARY MOVEMENTS. \*STUDENTS MAY ACCUMULATE 3 UNITS. \*1 UNIT \* SECTION F: DANTE AND THE MEDIEVAL TRADITION. \*SECTION H: THE ENLIGHTENMENT.

17811 LECT-DISC \*F 2-4 W

17820 LECT-DISC \*H 4-6 W 370 L H MONTANO AL DRIDGE C LIT 453 PROBLEMS IN ROMANTIC LITERATURE.
SAME AS ENGL. 476. 1 UNIT TUPIC TO BE ANNOUNCED.

17838 LECT-DISC H STILLINGER 4-6 TU 303 E B

C LIT 455 STUDIES IN THE ROMANTIC MOVEMENT, II.

SAME AS ENGL. 428.

1 UNIT

17846 LECT-DISC F I M W 303 E B WILKIE

SEMINAR IN LITERARY FORMS.
\*STUDENTS MAY ACCUMULATE 3 UNITS. C LIT 461

#1 UNIT

\*I UNIT
SECTION C: COMPARATIVE STUDICS MUDERN DRAMA.
SECTION H: STUDIES IN LYRIC PRETRY: THE SONNET IN ITALY, SPAIN
FRANCE, AND GERMANY.

LECT-DISC C LECT-DISC H 10-12 TO 4-6 M 110 L H 108 L H KNUST 17854 TO 17862 JOST

2 SEMINAR IN SPANISH-AMERICAN NOVEL. SAME AS SPAN. 436. PREREQUISITE: SPAN. 433 OR 434. C 1 1T 462

1 UNIT 17871 LECT-DISC M w 176 L H LEAL

SEMINAR IN LITERARY RELATIONS.
\*STUDENTS MAY ACCUMULATE THREE UNITS. C LIT 471

\*1 UNIT

SECTION C: THE CONCEPT OF MIRAGE.
SECTION H: ANGLO-GERMAN LITERARY RELATIONS IN THE NINETEENTH

CENTURY.

17889 110 L H 429 LIB ALDRIDGE EREY LECT-DISC C 10-12 LECT-DISC H 4-6 TH 17897 TH

C LIT 482 SEMINAR IN MODERN GERMAN LITERATURE.

SAME AS GER. 461.

PREREQUISITE: GER. 411 AND 495. 1 UNIT

\*TOPIC: EMBLEM LITERATURE.

17901 LECT-DISC F 17919 LECT-DISC \*Z 2-5 F 429 LIB 7-10PM TU 429 LIB

C LIT 493 SPECIAL STUDIES. 1/4 TO 1 UNIT 7927 CONF 17927 ARR

C LIT 499 THESIS RESEARCH.

\*MAXIMUM CREDIT FOR MASTER'S CANDIDATES IS 2 UNITS. \*0 TO 4 UNITS

17935 CONE

ARR

COMPUTER SCIENCE

DEPARTMENT OFFICE

252 D C L

STEGEMELER

#### MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE MATHEMATICS DEPARTMENT UNDER THE CURRICULUM IN SCIENCE AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 120, 130, 140 (OR 131, 141), 341, 342, 317, 318 347, 348 (OR 361).

FIRST MINOR: C. S. 121, 201, 287 AND ONE OF COMPUTER SCIENCE 293, 294, 301 OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NUTE: IN SPECIAL CIRCUMSTANCES WITH THE CONSENT OF THE ADVISOR. OTHER 100-LEVEL BEGINNING COMPUTER SCIENCE COURSES MAY BE SUBSTITUTED FOR COMPUTER SCIENCE 121.

DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE: A STUDENT WHO SATISFIES THE FOLLOWING REQUIREMENTS MAY, UPON RECOMMENDATION OF THE DEPARTMENT OF MATHEMATICS AND OF COMPUTER SCIENCE, BE GRADUATED WITH DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE:

1. SATISFY THE LAS COLLEGE REQUIREMENTS FOR GRADUATION.

- COMPLETE THE MINIMUM REQUIREMENT OF THE MAJOR IN MATHEMATICS AND COMPUTER SCIENCE WITH A GRADE POINT AVERAGE OF AT LEAST 4.25 IN ALL MATHEMATICS AND COMPUTER SCIENCE COURSES.
- COMPLETE THREE HOURS OF ADDITIONAL COURSES CHOSEN FROM COMPUTER SCIENCE 109, 209, 290, 301, 306, 311, 385, 387, 391, 392, 393, 394, 397.
- REGISTER HIS CANDIDACY FOR DISTINCTION WITH HIS ADVISOR NO LATER THAN THE END OF HIS JUNIOR YEAR.

#### COURSES FOR UNDERGRADUATES

INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING.
\*STUDENTS MAY RECFIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, 08 121. C S

#3 HOURS

GRADUATE STUDENTS DESTRING AN ELEMENTARY KNOWLEDGE OF GRADUATE STUDENTS DESIFTING AN ELEMENTARY KNOWLEDDE OF PROGRAMMING SHOULD ENROLL IN CUMPUTER SCIENCE 400.
NOTE: IN EACH CASE THE QUIZ SECTION SHOULD BE SELECTED TO FOLLOW THE SECOND LECTURE OF THE WEEK.
EVENING HOUR EXAMS WILL BE GIVEN (N TUESDAY, MARCH 23, 1971, AND TUESDAY, APRIL 27, 1971, AT 7 P.M.

AND	I UESDAY , APKIL	21,	19/1, A1 /	P.M.		
17943	LECT	B1	9	M W	314	A H
17951	LECT	C 1	11	M W	314	A H
17960	LECT	F1	1	M W	151	EEB
17978	LECT	P 1	11	TU TH	100	M M B
17986	ZUIZ	82	.9	F	133	ARMORY
17994	JUIZ	B3	9	F	396	L H
18001	QUIZ	B4	9	F	152	ADMIN
18719	3 U I Z	C 1	10	F	133	ARMORY
19027	QUIZ	C 2	10	F	146	ARMORY
18035	3017	D2	11	F	133	ARMORY
18043	QUIZ	D3	11	F	146	ARMORY
18051	SIUC	D 4	11	F	430	ARMORY
18760	ZIUC	D5	11	F	374	L H
18778	3 n i z	E 2	1	pd .	161	E F B
18086	3015	£3	1	F	101	WOODSHOP
19094	QUIZ	F4	1	F	217	MEL
18108	QUIZ	E 5	1	F	133	ARMORY
18116	QUIZ	E6	1	F	146	ARMORY
19124	2116	F1	2	W	369	н н
18132	QUIZ	F2	2	F	133	ARMORY
18141	2115	F3	2	F	146	ARMORY
18159	JULZ	F4	2	F	430	ARMORY
18167	QUIZ	Gl	3	W	161	E E B
1 81 75	2017	HI	4	W	161	E E B
18183	2012	M1	9	TH	203	T B
18191	2100	M 2	9	TH	28	COM W
18205	2100	M3	9	TH	310	DKH
18213	SIUC	N1	10	TH	240	LH
18221	QUIZ	N2	10	TH	304	L H
18230	ZIUC	N3	10	TH	203	T B
18248	2102	P 2	1.1	1H	310	LH
18256	2 I U Ç	P3	11	TH	28	COM M
19264	2100	R1	1	TH	161	EEB
18272	ZIUC	P 2	1	TH	313	DH
18281	JUIZ	51	2	ŢΗ	313	DH
18299	QUIZ	S.2	2	TH	302	L H
18302	201Z	T 1	3	TH	101	MOODSHOP
18311	QUIZ	T2	3	TH	217	MEL
18329	21 U C	U1	4	TH	101	WOOD SHOP
18337	301 Z	U2	4	TH	217	MEL

MURRELL CUDIA CUDIA KUCK

103 INTRIDUCTION TO SOCIAL AND BEHAVIORAL SCIENCE DIGITAL COMPUTER PROGRAMMING.

PREREQUISITE: SOPHOMORE STANDING AND A YEAR OF COLLEGE MATHEMATICS OR STATISTICS. \*STUDENTS MAY RECEIVE CREDIT FUR UNLY ONE OF THE FOLLOWING:

C. S. 101, 103, 105, 107, OR 121

* 1 HIJU	/" J					
18345	LECT	B 1	9	M W	319	G H
18353	QU17	C 1	10	W	217	MEL
13361	ZIUG	F 1	2	W	101	WOODSHOP
18370	2012	M1	9	TH	101	WOOD SHOP
18388	JU17	P1	11	T H	57	EEB
18396	2017	B 2	9	F	161	F F B

MONTANELLI

105 INTRODUCTION TO COMPUTERS AND THEIR APPLICATION TO BUSINESS AND COMMERCE. \*STUDENTS MAY RECFIVE CREDIT FOR ONLY ONE OF THE FOLLOWING: C. S. 101, 103, 105, 107, OR 121. EVENING HOUR EXAMS WILL BE GIVEN ON TUESDAY, MARCH 23, 1971, AND TUEDAY, APRIL 27, 1971. 400 LECT B1 18400 66 LIB 18418 LECT D1 11 101 ARMORY BOWDON 18426 LECT TU TH 100 N L A1 A2 MOODSHOP 18434 2017 101 18442 QUIZ 217 B3 ARMORY 18451 2017 146 18469 84 140 COM W 01117 C1 C2 D2 D3 18477 10 161 EEB 31117 10 217 18485 2017 18493 F ME QUIZ 1.1 217 18507 QU17 1.3 161 F F В F1 F2 F1 F2 M1 N1 N2 P1 P2 R1 R2 18515 QUIZ 11 F 240 ADMIN 2UI 7 1 18523 F 161 F F B ADMIN 18531 2017 1 F 154 101 F 18540 2110 WOODSHOP ADMIN 18558 2112 E 154 TH 18566 2 IUC 0 317 DKH 18574 SIUC 10 TH 119 DKH 18582 ZIUP 10 TH 247 A H 18591 ZUIZ 11 TH 226 COM W 18604 SIUC 11 ТН 307 DKH 18612 JUIZ TH 137 ADMIN 11 QUIZ TH 302 18621 1 1 143 ADMIN 18639 QUIZ TΗ S1 S2 18647 QUIZ TH 161 18655 QUIZ TH 143 TΗ E E B 18663 QU17 T1 161 137 18571 2017 T2 3 TH 18680 QUI 7 U1 4 TH 161 E E B 137 ADMIN 18698 4 DU17 TH 9 HONORS COURSE IN COMPUTER SCIENCE. ENROLLMENT WILL BE STRICTLY LIMITED TO STUDENTS WITH SUPERIOR TALENTS IN COMPUTER SCIENCE. CS PPEREQUISITE: REGISTRATION IN C. S. 101, 103, 105, 107, OR 121. 1 HOUR 18701 S DSIC-TOSA ARR KUCK I INTRIDUCTION TO COMPUTER PROGRAMMING.
\*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING: C. S. 101, 103, 105, 107, OR 121. NOTE: IN EACH CASE, THE QUIZ SECTION SHOULD BE SELECTED TO FOLLOW THE SECOND LECTURE OF THE WEEK. LFCT 18710 GEAR B1 151 E E 8 E 18728 QUIZ A 1 8 161 E E B 18736 F SIUC B 2 MFI C 1 18744 10 E F B QUIZ 161 ⊋U1 Z F1 W 206 н н 2012 2012 18761 M1 P1 TH 217 MFI 43 E E B 18779 1.1 TН 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS C S 18787 CONF STAFF COURSES FOR ADVANCED UNDERGRADUATES

MACHINE LANGUAGE AND SYSTEM PROGRAMMING, I.
PREREQUISITE: C. S. 101 OR 121, CF CONSENT OF INSTRUCTOR. CS 201 3 HOURS \*NON-COMPUTER SCIENCE MAJORS REGISTER IN SECTION P2.

18825

18795 LECT-DISC P1 1030-12 TU TH 151 E E B LECT-DISC \*P2 1030-12 TU TH 100 N L 18809

HONORS COURSE IN COMPUTER SCIENCE. r s PREREQUISITE: C. S. 101 OR 121; REGISTRATION IN C. S. 201 OR 294; CONSENT OF INSTRUCTOR. 1 HOUR

18817 LECT-DISC &A LECT-DISC &B ARR

GILLIES

MURRELL

C S 287 INTRODUCTION TO NUMERICAL ANALYSIS. SAME AS MATH. 287. PREREQUISITE: C. S. 101 OR 131, ONE YEAR OF CALCULUS, OR CONSENT OF INSTRUCTOR. 3 HOURS 18833 LECT-DISC C1 10 M W F 314 A H WATANARE INDIVIDUAL STUDY.

PREREQUISITE: C. S. 101 OR 121; C. S. 201 OR 294; OR CONSENT OF CS OR 2 HOURS 14341 ADD STAFF INTRIDUCTION TO COMPUTER HARCWARE. PREREQUISITE: C. S. 101, 103, OR 121; MATH. 142 OR 143; OR CONSENT OF INSTRUCTOR. 3 HOURS 18950 M w F 115 D.C.I LAB-DISC B KUBITZ C S 294 INTRIDUCTION TO THE THEORY OF DIGITAL MACHINES. SAME AS E. E. 294. PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS. 3 HOURS D 11 M W F 151 F F B MURRELL 297 SPECIAL TOPICS IN COMPUTER SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR. rs 2 TU 4 HOURS \*SECTION A TOPIC: COMPUTER HARDWARE (A CONTINUATION OF C.S. 293). 18876 LECT-DISC \*A ARR POPPELBAUM COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES SYSTEMS PROGRAMMING. PREREQUISITE: C. S. 201.
3 HOURS OR 1 UNIT LECT-DISC C M W F 19884 10 ICO M M B FRIEDMAN INFORMATION STRUCTURES. PREREQUISITE: C. S. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT LECT-DISC D 11 M W F 146 ARMORY MCCORMICK INFORMATION SYSTEMS. C S 311 PREREQUISITE: C. S. 310.
3 HOURS OR 1 UNIT LECT-DISC P 1030-12 TU TH 18906 101 MOOD SHOP RAY COMPUTER APPLICATION TO PROBLEMS IN MATHEMATICS. PREREQUISITE: C. S. 101, 107, 121, CR EQUIVALENT, AND JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT 18914 LECT-DISC S 130-250 TU TH 217 M E L NIEVERGELT 383 LINEAR PROGRAMMING. C S SAME AS MATH. 383. PREPEQUISITE: ONE YEAR OF CALCULUS. 3 HOURS OR 1 UNIT LECT-DISC EL 1 M W F 152 ADMIN 387 0 5 NUMERICAL ANALYSIS. SAME AS MATH. 387.

PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY
MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 18931 LECT-DISC F1 1 M W F 156 ADMIN PHILLIPS 391 BOOLEAN ALGEBRA AND SWITCHING THEORY. SAME AS F. E. AND MATH. 391.
PREREJUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 1J-1120 TU TH 119 M M B METZE

C 5 392 INTRIDUCTION TO ALT', MATA THEORY. SAME AS E. C. AND MATH. 397.

PPERFOUISITE: C. S., E. E. OP MATH. 391 OR CONSENT OF INSTRUCTOR. 3 HOURS, IR 1/2 OR 1 UNIT 957 LECT-DISC PI 9 9265 LECT-DISC DI 11 1 4957 165 A H 168 E E B MULLER 18965 SPECIAL TOPICS IN COMPUTER SCIENCE. PREFERDUISITE: CONSENT OF INSTRUCTOR.
2 TJ 3 HOURS, OR 1/2 TO 1 UNIT
\*SECTION A TOPIC: ROBOTICS. LECT-DISC #A 4 a F 217 M E L MCCORMICK 18973 COURSES FOR GRADUATES 401 THE POUCTION TO AUTOMATIC DIGITAL COMPUTING FOR GRADUATE STUDENTS . 1 HIUR 1 M 100 M M 3 15931 LECT- )ISC E BOWDON 413 CIMPUTER APPLICATIONS IN STITLA SCIENCE STATISTICAL RESEARCH.
SAME AS PSYCH. AM. SOC. 413.
PREREQUISITE: SOC. 387 OR EQUIVALENT IN STATISTICS; MAY BE
TAKEN CONCURPENTLY WITH SCC. 387. 1 UNIT 13990 LECT-DISC R 1-220 TU TH 101 WUODSHUP DICKMAN 414 ENGINEERING APPLICATIONS OF LINEAR GRAPHS. SAME AS E. E. 414.
PREREQUISITE: E. F. 416, MATH. 315 (5 313. 1 UNIT 19306 M W F 335 E E B 0150 MAYEDA 3 INTEGER PROGRAMMING AND AUVANCED LINEAR PROGRAMMING. PRESS DUISITE: MATH. 315 OR EQUIVALENT. 1 UNIT 19014 LECT-DISC N 1)-112( TU TH 217 M E L HURRIGA 45% CODING THEORY.

SAME AS E. E. 456.

PREREQUISITE: MATH. 317 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. I UNIT 19022 21.50 TU TH 254 F F B CHIEN 458 NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS.
SAME AS MATH. 456.
PREREQUISITE: C. S. CR MATH. 457, CP CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC F1 2 M W F 161 E F B SAYLOR 1 + 731 465 TJPICS IN AUTOMATA THEORY.

SAME AS E. F. AND MATH. 455.

PREREJUISITE: C. S., E. E. OR MATH. 372, OR CONSENT OF INSTRUCTOR. CS 1 UNIT LECT-DISC DI 1.1 M w F 247 A H MULLER 482 THEURY OF DIGITAL COMPUTER AFTIHMETIC. 0.5 SAME AS E. E. 482.

PREREQUISITE: C. S. CR E. E. 394. 1 UNIT 19057 LECT-DISC P 1037-12 TU TH 161 E E B ROBERTSON 495 ADVANCED THEORY OF MAGNETIC AND OPTIC COMPUTER MEMORY DEVICES. SAME AS E. E. 485.
PREREQUISITE: C. S. OR E. E. 395. 1 UNIT LECT-DISC M 830-10 TU TH 161 E E 8 FAIMAN 19965 C 5 490 INDIVIDUAL STUDY. PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 To 2 INTS

9073 CONF ARR 19073 STAFF

S 401 SEMINAR IN COMPUTER SCIENCE. PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 T) 1 INIT

\$\$F.TION & TOPIC: COMBINATORIAL MATHEMATICS IN

CJMPJIER PESIGN. GPEDIT--1/2 JNII.

\$\$FCTION & TOPIC: APCHITECTURE, APPLICATIONS, AND LANGUAGES FOR A

PARALLEL COMPUTER. CREDIT--1/2 TL 1 UNIT.

\*\*COMPUTER OF TOPICS APPLICATIONS OF THE COMPUTER OF TOPICS APPLICATIONS OF THE COMPUTER OF T \*SECTION C TUPIC: UPERATIONS PESEARCH. CPEDIT--1/2 TO 1 UNIT. ≉ Д AFK 19081 MUROGA 19390 CONF # [R ARR SLOTNICK CONF 19103 \* C ARO BOWDON 9 THESIS RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTUR. 499 C 5 O TO 4 UNITS \*SECTION A IS FOR CANDIDATES FOR A MASTERS DEGREE. \*SECTION R IS FOR CANDIDATES FOR A PH.D. DEGREE. 19111 CONF 19120 CONF \* A \* P **∆**∈₽ STAFF ARR STAFF CZ+C+SLAVIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 267 L H COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 4 PRADINGS IN CZECH LITERATURE.
PREKROJISITE: CZECH 383, OR CUNSENT OF DEPARTMENT.
3 HOURS OR 3/4 UNIT C7 FCH 384 1 19138 LECT-DISC E M W F 261 L H V. KOSTUN DAIRY SCIENCE DEPARTMENT DEFICE 315 A S I COURSES FOR UNDERGRADUATES INTRIDUCTION TO DAIRY PRODUCTION. 3 HOURS W 19146 LEC T Δ 9 135 A S L 135 A S L KENDALL M 3111.7 Δ 8-10 Δ STOCK PAVILION LAB n s 110 PLANT AND ANIMAL GENETICS . SAME AS AN. S., AGRIN., AND HORT. 110.
PREREQUISITE: SIGL. 110 AND 111 OF BOT. 100 (OR BOT. 101) AND ZOOL. 104. 3 HOURS 19154 ALEXANDER M W W109 TH 19162 LAB W 13 T H AND STAFF 3-5 LAB TU W 13 TH 19189 I AH TH W 13 COURSES FOR ADVANCED UNDERGRADUATES 201 LIVESTOCK MANAGEMENT. SAME AS AN. S. 201.
PRESENULISITE: AN. S. 201.
ANALMAL AND DATRY SCIENCE MAJURS DO NOT RECEIVE CREDIT FOR THIS COURSE . #5 HIJRS

MIUWIHE 135 A S L

JOHNSON AND CASH

LECT-DISC 11

PREREQUISITE: D. S. 100 OP CONSENT OF INSTRUCTOR. 3 HOURS TU STOCK PAVILION CASH
TH 32C M H 19201 LECT-DISC 1 - 3 221 ANIMAL NUTRITION. SAME AS AN. S. 221.
PREREQUISITE: CHEM. 102(NEW), 132, (# 133. 4 HOURS TUWIHE 135 A S L 1 ECT-DISC 10 BAKER AND BAUMAN 0 5 COMPARATIVE PHYSICLOGY OF REPROLUCTION, LACTATION AND GROWTH. 230 SAME AS AN. S. 230.
PREREQUISITE: 7001. 104 AND UNE COURSE IN CHEMISTRY. 3 HOURS CAR SYAH 19227 9 TU TH W115 T H 1)-12 TU 414 A S L 1 FC T LAB COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES SPECIAL PROBLEMS. PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL ARE REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION. 1 TO 5 HOURS, OR 1/2 TO 1 UNIT SPECIFIC APPROVAL OF THE ASSOCIATE CEAN IS REQUIRED IN ADVANCE SPECIFIC APPROVAL OF THE ASSOCIATE DEAM IS REQUIRED PROBLEM COURSE.

\*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
MINIMUM GRADE POINT AVERAGE (F. 4.C AND MAY BE TAKEN IN CONJUNCTION
WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR. CUNF A ARP 19235 HARSHBARGER 19243 AND STAFF 305 GENETICS AND ANIMAL IMPROVEMENT. SAME AS AN. S. 305.
PREREQUISITE: D. S. 110 OR EQUIVALENT. 3 HOURS OR 3/4 UNIT L ECT 316N M H 316N M H 19251 GROSSMAN NUTRITION AND DIGESTIVE PHYSIOLOGY OF RUMINANTS. SAME AS AN. S. 320.
PREREQUISITE: D. S./AN. S. 221. 3 HOURS OR 3/4 UNIT 19267 LECT M n F DAVIS AND HINDS V107 T H 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. F., AGKON., AN. S., F. S. FOR., HOPT., AND 25 V. M. S. 34C.

PREREQUISITE: MATH. 111 OF 112 OF 1C4, OR EQUIVALENT. 4 HJURS OR 3/4 UNIT 9 LECT 19278 TU TH T H W109 SETF LAB-DISC 19286 1 - 3 TU W223 T H 2 19294 LAB-DISC 3-5 TU W223 T H 19308 LAB-DISC w121 1 - 3 3-5 LAB-DISC WORLD ANIMAL AGRICULTURE.
SAME AS AN. S. 356.
PREREQUISITE: CONSENT LE INSTRUCT(F.
3 HOURS OR 374 UNIT n s 19324 LECT KASTEL IC AND BROWN M w F 316N M H COURSES FOR GRADUATES

D S 468 PHYSIOLOGY OF LACTATION.
1/2 TO 2 UNITS
19332 LAB-DISC ARP 341 A S L HAYS

D S 412 ADVANCED ENDOCRINGLOGY.
SAME AS AN. S., PHYSL., AND ZOOL. 412.
PREREQUISITE: CONSENT OF INSTRUCTUR.
\*STUDENTS MAY ACCUMULATE 2 UNITS. \*1/2 UNIT TOPIC--TO BE ANNOUNCED 19341 OISC 730-10PM M 140 BUR HALL NALBANDOV, FUSTER, GORSKI JACKSON AND DZIUK D S 416 POPULATION GENETICS AND ANIMAL BREEDING. SAME AS AN. S. 416.
PREREQUISITE: D. S. 110 DR EQUIVALENT. 1 UNIT M W F 341 A S L 19359 LFCT PHYSIOLOGY OF MAMMALIAN GERM CELLS.
PREREQUISITE: D.S. 330, AN.S. 406, AND CHEM. 350, OR CONSENT OF INSTRUCTOR. 1 UNIT 19367 LECT ARR LODGE & GRAVES n s 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS. SAME AS AG. E., AGRON., AN. S., F. S., FOR., HORT., AND V. M. S. 440.
PRERFOULSITE: D. S. 340 OR EQUIVALENT. 3/4 UNIT LECT LAB-DISC 1 LAB-DISC 2 W109 T H W223 T H W223 T H 9 M W 1-3 TH 3-5 TH SEIF, CRAMER AND WALKER 19375 19383 19391 O DAIRY BACTERIOLOGY.

PREREQUISITE: TEN HOURS OF ADVANCED MICROBIOLOGY AND/OR CHEMISTRY,
AND CONSENT OF INSTRUCTOR. D S 450 1/2 TO 2 UNITS 19405 LAB ARR 462 A S L BRYANT AND WOLIN ANIMAL BIOCHEMICAL LABORATORY TECHNIQUES. 481 n s SAME AS AN. S. 481.
PREREQUISITE: CHEM. 350 AND 355; CONSENT OF INSTRUCTOR. 1 UNIT \*PLUS TWO HOURS TO BE ARRANGED. \*1-4 TU TH 341 A S L LARSON 19413 LAB-DISC DAIRY SCIENCE SEMINAR. D S PREREQUISITE: GRADUATE MAJOR OR MINOR IN DAIRY SCIENCE. 1/2 UNIT 19421 CONE TH 341 A S L HAR SHBARGER 493 SPECIAL PROBLEMS. D S

1/2 TO 2 UNITS 19430 CONF ARR HARSHBARGER AND STAFF

499 THESIS RESEARCH. O TO 4 UNITS 19448 CONF D S 499 ARR HARSHBARGER AND STAFF

#### DAIRY TECHNOLOGY

OFFICE

104 D M B

#### COURSES FOR ADVANCED UNDERGRADUATES

TECHNICAL CONTROL OF DAIRY PRODUCTS.

PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 133. D T

3 HOURS 19456 LECT-DISC

LAB

LECT-DISC

203 D M B 8-11 M W

TOBIAS

WELSON

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE--ALL STUDENTS SPECIALIZING IN DAIRY TECHNOLOGY ARE EXPECTED TO TAKE AN INSPECTION TRIP EITHER IN THE JUNIOR OR SENIOR YEAR. THIS TRIP COSTS THE STUDENT ABOUT \$20.

B DAIRY PLANT MANAGEMENT.

PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT D T

4 W F 203 D M B

O DAIRY PRODUCT PROCESSING, I.
PREREQUISITE: F. S. 201, D. T. 211 AND CREDIT OR REGISTRATION IN O T D. T. 213. 4 HOURS OR 1 UNIT 9472 LECT-DISC

19472 11 LAB

11 M W F 203 D M B 8-11 TU TH 208 D M B TOBIAS

COURSES FOR GRADUATES

3 COLLDID PHENOMENA OF DAIRY AND OTHER FOOD PRODUCTS. PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT 19481

LAB

19464

M W F 203 D M B 10 ARR

WHITNEY

404 SEMINAR. n T PREAFQUISITE: GRADUATE STANDING IN DAIRY TECHNOLOGY. \*STUDENTS MAY ACCUMULATE ONE-HALF UNIT. \*O IO 1/4 UNIT 19499 DISC ARR

STAFE

499 THESIS RESEARCH.
0 TO 4 UNITS
19502 CONF n r

ARR STAFF

162 KRAN CENTER

#### PROFESSIONAL COURSES FOR UNDERGRADUATES

DANCE 101 BEGINNING MODERN DANCE.

FOR NON-DANCE MAJORS.

\*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.

\*1 HOUR

LAB P 11 TU TH 1115 W OREGON

DANCE 102 INTERMEDIATE MODERN DANCE.

FOR NON-DANCE MAJORS.
PREREQUISITE: DANCE 101 OR CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.

\*1 HOUR

LAB E 19529 M W 10 FREER GYM

DANCE 160

D SEGINNING TECHNIQUE.
\*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.

#3 HOURS

915-1045 MTUWTHF CANCE RHRSL KRAN 915-1045 M W F 10 FREER 915-1045 MTUWTHF 1115 W OREGON 19537 В LAB R

LAB 19545 81

IMPROVISATION, II.
PREREQUISITE: DANCE 162 OR CONSENT OF INSTRUCTOR.

1 HOUR 19553 LAB 19561 LAR D 11 M W F CANCE RHRSL KRAN C1 11 M W F 1115 W OREGON

CANCE 165 INTERMEDIATE TECHNIQUE.

PREREQUISITE: DANCE 160 OR CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.

\*3 HOURS 19570

12-13C MTUWTHE 1115 W OREGON

DANCE 167

67 BEGINNING BALLET, II.
PREREQUISITE: DANCE 166 OR CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED ONCE FOR CREDIT. \*1 HAUR

19588

LAB C1 1045-12 TU TH 10 FREER GYM LAB E 1-215 TU TH 10 FREER GYM LAB F1 230-345 TU TH 10 FREER GYM 19596 F1 19600

MUSIC THEORY AND PRACTICE FOR DANCE, II.

PREREQUISITE: DANCE 168 UP CONSENT OF INSTRUCTOR.

2 HOURS

19618 LAB-DISC F LAB-DISC G LAB-DISC H 901 W ILLINOIS 3 19626

M W F 901 W ILLINOIS M W F 901 W ILLINOIS M W F 901 W ILLINOIS 19634

99 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED.

#0 TO 9 HOURS

19642 1 AB ARR

## PROFESSIONAL COURSES FOR ADVANCED UNDERGRADUATES

DANCE 244

TEACHING OF DANCE.

PREREQUISITE: DANCE 243 OR CONSENT OF INSTRUCTOR.

3 HOURS

STUDENTS IN THE TEACHING OF DANCE CURRICULUM ARE REQUIRED TO ENROLL IN SE. ED. 241.

19651 LAB C 9 TUTH 901 WILLINOTS
LECT-DISC C 930-1230 S DANCE RHRSL KRAN

5 DANCE IN THE FLEMENTARY SCHOOL.
PREREQUISITE: DANCE 243. DANCE 245

2 HOURS

19569 LECT-DISC B ARR M W 901 W ILLINOIS

O ADVANCED TECHNIQUE, I.
PREREQUISITE: DANCE 165 OR CONSENT OF INSTRUCTOR.
\*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS. DANCE 260 #3 HOURS 19677 LAB 12-130 MTUWTHF DANCE RHRSL KRAN 130-3 MTUWTHF DANCE RHRSL KRAN LAB X LAB E1 19685 INTERMEDIATE COMPOSITION. DANCE 264 PREREQUISITE: DANCE 164 OR CONSENT OF INSTRUCTOR. 2 HOURS LAB F 2-4 M W 1115 W OREGON
LAB T 3-5 TU TH CANCE RHRSL KRAN
LAB R1 130-330 TU TH 1115 W OREGON 19693 19707 19715 57 INTERMEDIATE BALLET, II.
PREREQUISITE: DANCE 266 OR CONSENT OF INSTRUCTOR. 1 HOUR 915-1030 TU TH 10 FREER GYM 19723 COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES HISTORY OF THE DANCE, II. DANCE 341 PREREQUISITE: DANCE 340.
3 HOURS, OR 3/4 TO 1 UNIT 10 M W F 901 W ILLINOIS 19731 DANCE 345 DANCE PRODUCTION WORKSHOP. PREREQUISITE: DANCE 264 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 TO 1 UNIT
19740 LAB-DISC D 11-1 M W 10 FREER GYM A6 THEORY AND PHILOSOPHY OF DANCE.

PREREQUISITE: DANCE 340 OR CONSENT OF INSTRUCTOR.

3 HOURS, DR 3/4 TO 1 UNIT

19758 LECT-DISC N 10-12 TU 901 W ILLINOIS

N 10 TH 901 W ILLINOIS DANCE 346 DANCE 350 DANCE REPERTORY WORKSHOP. PREREQUISITE: ENROLLMENT IN ADVANCED TECHNIQUE COURSE AND CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS OR 2 UNITS. \*\*AAY BE REPEATED FOR A MARKETON OF THE TOTAL AND THE TOTA SPECIAL PROBLEMS. PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR A MAXIMUM OF 8 HOURS OR 1 UNIT. \*MAY BE REPEATED FOR A MAXIMUM OF STATE 19782 LAB O ADVANCED TECHNIQUE, II.

PREREQUISITE: DANCE 260 OR CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS OR 1 UNIT. DANCE 360 \*3 HOURS OR 1/2 UNIT 19791 LAB E El 130-3 MTUWTHE CANCE RHRSL KRAN COURSES FOR GRADUATES

DANCE 401 CHOREOGRAPHY.

PREREQUISITE: DANCE 345 OR EQUIVALENT.

1/2 TO 2 UNITS

19804 LAB H 4-6 M W 1115 W OREGON

19812 LAB F 2-4 M W 10 FREER GYM

DANCE 490 DANCE SEMINAR.

NO CREDIT

19821 DISC ARR 901 W ILLINOIS

DANCE 499 THESIS RESEARCH.

1/2 TO 2 UNITS

19839 CONF ARR 901 W ILLINOIS

DEPARTMENT DEFICE

330 COM W

MAJOR: TWENTY HOURS IN ECONOMICS, INCLUDING ECON. 108, OF 102 AND 103, 171, 300, AND 301. STUDENTS ARE ADVISED TO TAKE ONE OF THE FOLLOWING MATH. SEQUENCES: MATH. 120, 130, 140, RR MATH. 120, 131, 141; UR MATH. 135, 145.
MINIMUM REQUIREMENTS OF THE DEPARTMENT CAN BE SATISFIED BY MATH.
120, 130; OR MATH. 120, 131; UR MATH. 135, OR MATH. 124, 134. IN
ADDITION STUDENTS CONSIDERING GRACUATE WORK SHOULD TAKE MATH. 315. LIBERAL ARTS MAJORS ARE STRONGLY ADVISED TO ELECT ACCY 201, WHICH IS NOT ACCEPTABLE TOWARD THE MAJOR REQUIREMENT.

MINORS: TWENTY HOURS IN ONE OR THE OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, AT LEAST FIGHT HOURS IN EACH IF TWO ARE CHUSEN: ANTHROPOLOGY. EDUCATION, FINANCE, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY. AN ECONOMICS MAJOR WHO CHOOSES FINANCE AS A MINDR MUST INCLUDE THELVE HOURS IN A SECOND MINOR. THE CURRICULUM IN LATIN-AMERICAN, ASIAN, OR RUSSIAN AREA STUDIES IS ACCEPTED AS A MINOR.

NOTE: ECON. 102 AND 103 ARE REQUIRED FOR ALL COMMERCE STUDENTS, AND THESE OR 108 ARE REQUIRED FOR ALL LIBERAL ARTS MAJORS IN ECONOMICS. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN ECONOMICS SHOULD TAKE THESE COURSES IN THEIR SCPHOMORE YEAR.

#### COURSES FOR UNDERGRACUATES

PRINCIPLES OF ECONOMICS, I.
PREREQUISITE: ONE SEMESTER OF COLLEGE WORK.

3 HOURS

\*SECTION &L IS OPEN ONLY TO JAMES SCHOLARS, OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

DOB9 LECT-DISC \*&L 8-93C TU TH 305 STUDENTS REGISTERING IN THE FOLLOWING SECTIONS MUST CHOOSE ONE LECTURE AND ONE QUIZ SECTION. 20189 305 DKH

CHOOSE	DIAL CECIONE	HITE	CIAC BOIT	25 01 70144			
19847	LECT	1	2	M	141	COM W	ı
19855	LECT	2	3	M	141	COM W	ŧ
19863	QUIZ	11	8	TU TH	130	COM W	i
19871	ZIUQ	L2	8	TU TH	126	COM W	í
19880	ZIUQ	L3	8	TU TH	307	DKH	ŧ
19898	ZIUC	M1	9	TU TH	126	COM W	
19901	QUIZ	M2	9	TU TH	3 6 7	DKH	1
19910	QUIZ	M3	9	TU TH	40	COM W	1
19928	QUIZ	N1	10	TU TH	305	DKH	į
19936	QUIZ	N2	10	TU TH	222	DKH	1
19944	ZUIZ	N3	10	TU TH	326	DKH	1
19952	QUIZ	P1	11	TU TH	125	DKH	-
19961	QUIZ	P2	11	TU TH	222	DKH	ı
19979	QUIZ	P3	11	TU TH	119	DKH	1
19987	QUIZ	X 1	12	TU TH	130	COM W	6
19995	ZIUQ	X2	12	TU TH	222	DKH	1
20003	ZIUC	R1	1	TU TH	123	DKH	1
20011	SIUP	R2	1	TU TH	119	DKH	1
20020	ZIUQ	R3	1	TU T⊢	209	DKH	i
20038	ZIUC	S1	2	TU TH	28	COM W	í
20046	QUIZ	52	2	TU TH	222	DKH	ŀ
20054	ZIUG	S 3	2	TU TH	219	DKH	1
20062	QUIZ	T1	3	TU TH	119	DKH	1
20071	ZIUP	T2	3	TU TH	40	COM W	i

SCHRAN BRANDIS

ECON 103 PRINCIPLES OF ECONOMICS, II.

PREREQUISITE: ECON. 102.

3 HOURS

\*SECTION &C IS OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

20097	LECT-DISC	Al	8	M	W	F	305	DK	Н
20101	LECT-DISC	A2	8	14	W	F	119	D K	н
20119	LECT-DISC	В	9	M	W	F	126	COM	W
20208	LECT-DISC	33*	10	H	M	F	126	COM	W
20127	LECT-DISC	D1	11	14	W	F	140	COM	W

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20135
                    LECT-DISC
                                                                      119
        20143
                     LFCT-DISC
                                                                F
                                   X1
                                                                            DKH
        20151
                     LECT-DISC
                                                                F
                                                                       305
                                   E1
                     LECT-DISC
                                                                      140
                                                                            COM
        20178
                     LECT-DISC
                                              1
                                                                F
                                                                       40
                                                                            COM
        20186
                     LECT-DISC
                                                                F
                                                                      119
                                                                            DK
        20194
                     LECT-DISC
                                                                       305
EC:3N 108
                ELEMENTS OF ECONOMICS.
          NOT OPEN TO COMMERCE STUDENTS OR STUDENTS WHO HAVE HAD ECON. 102
           AND 103.
          PREREQUISITE: FIRST SEMESTER FRESHMAN IN ENGINEERING, SECOND SEMESTER FRESHMAN IN OTHER COLLEGES.
           3 HILLRS
          SECTIONS &A, &C, AND &CI ARE UPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM COMPULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR. *SECTION N IS FOR THOSE PREPARING TO TEACH IN THE PUBLIC SCHOOLS.
          NONE OF THE FOLLOWING LECTURE-DISCUSSIONS HAVE QUIZ SECTIONS.
        20607
                     LECT-DISC &A
                                            8
                                                        М
                                                               F
                                                                       20
        20216
                     LECT-DISC
                                  В
                                                                      245
                                                                            COM W
        20615
                     LECT-DISC
                                  33
                                                                      317A D K
                                             10
                     LECT-DISC
                                                        м
                                   133
                                                                      332
                                                                            ARMORY
                     LECT-DISC
                                  D
                                                               F
                                                                      245 COM W
        20224
                                             11
                                                           W
                     LECT-DISC
                                 *N
                                                        м
                                                            W
                                                                      325
                                                                            DKH
          STUDENTS REGISTERING IN LECTURES 1, 2,
                                                          3, 4, AND 5 MUST CHOOSE ONE
          QUIZ-LECTURE COMBINATION.
        20232
                     QUIZ
                                   1 M1
                                                             TH
                                                                      130
                                                                            COM W
                                              9
                                                            W
                                                                            M H
        20241
                     QUITZ
                                   1M2
                                                             TH
                                                                      170
                                                                            COM W
                                                        М
                                              9
                                                            W
                                                                            M H
                                   1R 1
        20259
                                                            TH
                     QUITZ
                                              -1
                                                                            D K
                                              9
                                                        М
                                                                      103
                                                                            M H
                                                             TH
        20267
                     QUIZ
                                   1R2
                                                                      126
                                                                            COM W
                     LECT
                                                        Μ
                                                                      103
                                                                            M H
        20275
                     QUIZ
                                   151
                                              2
                                                            TH
                                                                      152
                                                                            COM W
                     LECT
                                              9
                                                        М
                                                                      103
        20283
                     QUIZ
                                   152
                                              2
                                                             TH
                                                                            D K
                                                                      103
        20291
                                                            TH
                                                                            DKB
                     QUIZ
                                   153
                                              2
                                                                      307
                                              9
                     LECT
                                                                      103
                                                                            м н
        20305
                     JUIZ
                                   154
                                                             TH
                                                                      305
                                                                            DKH
                     LECT
                                                        М
                                                                      103
                                                                                               FERBER
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        20313
                     QUIZ
                                              8
                                                            TH
                                                                            COM W
                                   2 L
                                                                      140
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                                                            W
TH
                                                                      103
                                                                            MH
        20321
                                   2M1
                     QUIZ
                                              9
                                                                       24
                                                                            COM M
                     LECT
                                                                      103
                                                        M
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                                                                            M H
        20330
                                   2M 2
                                                             TH
                     QU17
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                                                             TH
        20348
                     QU17
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                     LECT
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       20356
                     QUIZ
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                                                                                              WEISER
                     L E C T
        20364
                     QUIZ
                                   3X1
                                             12
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                                                                            COM
                                                            TH
                                                                       24
                                                                      103
                                                                            н н
                     LECT
        20372
                     QUIZ
                                   3 X 2
                                                         TU TH
                                                                      140
                                                                            COM W
                     LECT
                                              9
                                                                      103
                                                                            м н
        20381
                     QUIZ
                                   3P1
                                             11
                                                                            COM W
                                                         TU TH
                                                                      130
                     LECT
                                                                      103
                                              9
                                                                            M H
       20399
                                   3P2
                     QUIZ
                                                         TU TH
                                                                            DKH
                                                                      111
                     LECT
                                                               F
                                              9
                                                                      103
                                                                            M H
       20402
                     OUT 7
                                   361
                                                         TU TH
                                                                      307
                                                                            DKH
                                              1
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                     LECT
                                                                                              PAGEN
                                   3
                                              q
                                                                      103
                                                                            мн
        20411
                     QUIZ
                                   4L
                                              8
                                                             TH
                                                                       40
                                                                            COM W
                                                                      103
                     LECT
                                   4
                                                                            MH
        20429
                     QUI Z
                                   4P 1
                                             11
                                                            TH
                                                                      226
                                                                            COM
                     LECT
                                   4
                                                        М
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                                                                            м н
       20437
                     QUIZ
                                   4P2
                                             11
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                     LECT
                                                                      103
       20445
                                   4X1
                                                            TH
                                                                            COM
                     QUIZ
                                                                      126
                     LECT
                                                                      103
        20453
                     01117
                                   4R 1
                                                             TH
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                                                                            D K
                     LECT
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                                              1
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       20461
                     QUIZ
                                   4R 2
                                              1
                                                            TH
                                                                      305
                                                                            D K
                     LECT
                                                                      103
                                              1
       20470
                     QUIZ
                                   4R3
                                                            тн
                                                                            COM W
                                              1
                                                                      130
                     LECT
                                                                     103
                                                                            MH
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F

FCON 103 CONTINUED

ECUN		INUED					
	20488	QUIZ LECT	451 4	2 1	TH M W	130 COM W 103 M H	PADEN
	2 34 96	QUIZ	5N1	10	TU	111 D K H	PADEN
		LECT	5	2	W F	141 COM W	
	20500	LECT	5N 2	10	TU W F	307 D K H 141 COM W	
	22518	QU17	5P 1	11	TU F	224 D K H	
		LECT	5	2	W F	141 COM W	
	20526	2017	5P2	11	TU	307 DKH	
	20534	LECT	5 5P3	2	W F TU	141 COM W 305 D K H	
	20734	LECT	5	2	W F	141 COM W	
	21542	QU 1 7	5R1	1	TU	130 COM W	
	20551	LECT	5 5R 2	2	W F	141 COM W 305 D K H	
	211771	LECT	5 S	2	W F	141 COM W	
	20569	2017	5R 3	1	TU	126 COM W	
		LECT	5	2	W F	141 COM W	
	2 15 7 7	QUI Z 1 FC T	5R 4	l 2	TU W F	222 D K H 141 COM W	
	20585	ZUIZ	55	2	TU	130 COM W	
		LECT	5	2	W F	141 COM W	HEINS
					MAY ALSO ENR		
	(N AN )	PTIONAL BAS	IS, IN	CNE OF TH	HE CONFERENCE DIT. THESE CO	SECTIONS	
					MENT AND WILL		
					EACH SECTIO		
				OF PARTIC	CULAR CUPRENT	ECONOMIC	
	PRUBLEM	S AS NOTED	BELOW:				
		N NI TOPIC:					
			.S. FOR	EIGN INVE	STMENT: DEVEL	OPMENT STIMULUS OR	
	SECTION	ONIALISM.	CONOMIC	DEVEL OPE	CENT WITH EMPH	ASIS ON TROPICAL	
	3001104		FRICA	DEVECTOR	Corr Marrie Corre	A313 01 1107 104E	
	20631	CONF	S	2	TU	119 D K H	GILLESPIE
	20640	CONF	T	3	TH	140 COM W	DUE
	86322	CONF	*N1	10	ŤU	119 D K H	FERBER
ECUA		TRODUCTORY			ICS.		
		-COMMERCE S			ION IN MATH.	134.	
						ND 173, MATH. 161,	
	OR PSYC						
	*3 HAUR 20458		F	2	M W F	307 DKH	
	20408	LECT-DISC LAB	F	2	M W F TU	205 D K H	
				-	, ,	200 0 11 11	
ECON		ONOMIC STAT			ELT AND COED	IT OR REGISTRATION	
		. 102 DR 10		V LAGIANT	ENT, AND CREE	III DK KEGISIKATION	
	3 HOURS						
	20666	LECT-DISC	A1	B	M W F	307 D K H	
	20574	LAB LECT-DISC	A1 A2	8	TU M W F	205 D K H 222 D K H	
	2011	LAB	A2	8	TU	205 D K H	
	20682	LECT-DISC	81	9	M W F	222 D K H	
	20691	LAB LECT-DISC	B1 B2	9	TU M W F	205 D K H 307 D K H	
	51,931	LAB	B2	3	m w r	205 D K H	
	20704	LECT-DISC	C1	10	M W F	307 D K H	
		LAB	C 1	10	TU	205 D K H	
	20712	LECT-DISC	C 2	10	M ₩ F TU	222 D K H 205 D K H	
	20721	LECT-DISC	01	11	M W E	307 D K H	
		LAB	Dl	11	TU	205 D K H	
	20739	LFCT-DISC	02	11	M W F	222 D K H	
	20747	LAB LECT-DISC	D2 F	11	TU M W F	205 D K H 222 D K H	
	20141	LAB	F	2	TU	205 D K H	
	20755	LECT-DISC	G	3	M W F	222 D K H	
		LAB	G	3	TU	205 D K H	

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ECON 173
               ECONOMIC STATISTICS, II.
         PREREQUISITE: ECON. 172 OR EQUIVALENT.
          3 HOURS
          *SECTION &AZ IS OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT
          OF THE INSTRUCTOR.
                 LECT-DISC AL
        20763
                                         8
                                                               113 DKH
                                        8 8 8 8
                                                    TU
                   LAB
                                A 1
                                                                205
                                                                     D K H
                                                  M W
                    LECT-DISC *&A2
        20917
                                                                 40
                                                                     COM W
                               *&A2
A3
B
B
C1
C1
C2
C2
C3
C3
D1
D2
E1
E1
E1
E1
E2
F2
F1
X1
X1
X2
X2
F1
G1
G1
G2
                    LAB
                                                                205
                                                                     DKH
                                                 M W
        20771
                   LECT-DISC
                                                                241
                                                                     COM W
                    LAB
                                                                205
                                                                     DK
                                                                     COM H
        20780
                   LECT-DISC
                                          9
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                                                      w F
                                                                 40
                                                    TU
                    LAB
                                                   M W F
        20798
                    LECT-DISC
                                         10
                                                                119
                                         10
                                                   TU
                                                                205
                   LAB
                   LECT-DISC
                                                      W F
                                                                305
        20801
                                         10
                                         10
                    LAB
                                                    TU
                                                                205
                                                    4 W F
        20810
                   LECT-DISC
                                         12
10
11
11
11
11
11
11
12
12
                                                                130
                                                                     COM W
                   LAB
                                                                205
                                                                     DK
                                                    1 W F
                                                   M
        20828
                   LECT-DISC
                                                                332
                                                                      ARMURY
                                                                205
                                                                     D K H
                    LAB
                   LECT-DISC
                                                      W F
                                                   ч
                                                                305
        22836
                                                    TU
                                                                205
                   LAB
                                                      W F
                   LECT-DISC
       20844
                                                                222
                                                                     D K H
                                                    TU
                                                                205
                                                                     DKH
                   LAB
                                                  M W
                    LECT-DISC
                                                      W F
       20852
                                                                307
                                                                     D K H
                                                 M
                                                                205
                    LAB
                                                                     DKH
                                                    M W F
                   LFCT-DISC
        20861
                                                                307
                    LAB
                                         12
                                                 M W F
TU
M W F
TU
                   LECT-DISC
        20879
                                                                119
                                                                     DKH
                    LAB
                                         12
                                                                205
                    LECT-DISC
       20887
                                                                305
                                                                205
                                                 M W F
                    LECT-DISC
                                                                119
                    LAB
                   LECT-DISC
                                                   M W
                                                      W F
                                                                307
                                                                    DKH
                    LAB
         6 HONDRS SEMINAR.
OPEN TO FRESHMAN AND SUPHUMORE JAMES SCHOLARS ONLY.
ECON 196
          PREREQUISITE: ECON. 108.
          3 HOURS
       20925
                   LECT-DISC G 3
                                                 M W F 126 COM W
      199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*O TO 9 HOURS
ECON
        20933
               CONF
                                                                                     STAFF
                           COURSES FOR ADVANCED UNDERGRADUATES
ECON 214 GOVERNMENT FINANCE AND TAXATION.
         PREREQUISITE: ECON. 103, UR 109.
          3 HOURS
       20941 LECT-DISC C 10
20950 LECT-DISC 0 11
20968 LECT-DISC F 2
                                                   M W F 130 COM W
                                                   M W F
                                                              130 COM W
66 LIB
ECON 236 AMERICAN ECONOMIC HISTORY.
PREREQUISITE: JUNIOR STANDING, ECCN. 103 OR 108.
         3 HOURS
       20976 LECT-DISC C
20984 LECT-DISC G
                                         10
                                                                 40 COM W
                                                               111 DKH
              EUROPEAN ECONOMIC HISTORY.
        PREREQUISITE: ECON. 103 OR 108.
         3 HOURS
                  LECT-DISC E 1
                                                   M W F 111 DKH
ECON 240 LABOR PROBLEMS.
PREREQUISITE: ECON. 102 AND 103, OR 108.
          3 HOURS
          STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.
                                                   W F 141 COM W
TH 219 D K H
TH 119 D K H
TH 111 D K H
       21009 LECT 10
21017 9U1Z A 8
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21033

JUIZ

ECON 255 COMPARATIVE ECCNOMIC SYSTEMS. PREREQUISITE: ECON. 103 OR 108. 3 HOURS M W M W M W 21041 141 COM W 245 COM W 245 COM W LECT-DISC LECT-DISC E LECT-DISC F 21050 21068 GOVERNMENT REGULATION OF ECUNCMIC ACTIVITY. PREREQUISITE: ECON. 102 AND 103, OR 108.
3 HOURS 21076 LECT-DISC C 10 M W E 140 COM W SENIOR RESEARCH. PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING. 2 TO 4 HOURS 21084 CONF 3-430 TII 11 COM W COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES INTERMEDIATE MICRO-ECONOMIC THEORY. PREREQUISITE: ECON. 103, OR 108.
STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ECON. 200 AND 300. 3 HOURS OR 1/2 UNIT MATH. 124 AND 134 ARE RECOMMENDED. LECT-DISC B1 9
LECT-DISC B2 9
LECT-DISC B2 9 21092 119 M W M W M W 21106 F 305 D K H 21114 LECT-DISC D
21122 LECT-DISC F
21131 LECT-DISC F 111 DKH 119 DKH 1 2 111 DKH FCON 301 INTERMEDIATE MACRO-ECONOMIC THEORY. PREREQUISITE: ECON. 103 DR 108. 3 HOURS OR 1/2 UNIT MATH. 124 AND 134 ARE RECOMMENDED.
1149 LECT-DISC C 10
1157 LECT-DISC C1 10 M W E M W E M W E 111 D K H 245 COM W 40 COM W 305 D K H 21149 21157 LECT-DISC C 11 LECT-DISC E 1 21165 21173 21173 LECT-DISC E 21181 LECT-DISC G 40 COM W 3 OO6 HISTORY OF ECONOMIC THOUGHT.

PREREQUISITE: ECON. 103, OR 108, SENIOR STANDING.
3 HOURS OR 1/2 UNIT 21190 LECT-DISC F 2 M W F 130 COM W ECON 312 ECONOMIC DYNAMICS AND GROWTH.

PREREQUISITE: ECON. 103, OR 108, AND ECON. 301.

3 HOURS, OR 1/2 OR 1 UNIT

21203 LECT-DISC F 2 M W F 126 COM W ECON 313 ECONOMICS OF CONSUMPTION. SAME AS H. EC. 313.

PREREQUISITE: ECON. 102 OR 108. A COURSE IN APPLIED STATISTICS. AND JUNIOR STANDING.
3 HOURS, DR 3/4 OR 1 UNIT
211 LECT-DISC G 3 M W F 21211 242 REV HALL ECON 315 THE ECONOMICS OF POVERTY AND INCOME MAINTENANCE. SAME AS L. 1. R. 315. PREREQUISITE: ECON. 103 OR 108.
3 HOURS, OR 1/2 OR 1 UNIT
220 LECT-DISC G 1 21220 M W F 20 COM W ECON 328 INTERNATIONAL ECONOMICS. PREREQUISITE: ECON. 102 AND 103, CR ECON. 108.

3 HOURS, OR 1/2 OR 1 UNIT
21238 LECT-DISC A B M W F
21246 LECT-DISC F 2 M W F 130 COM W 140 COM W CONTEMPORARY ISSUES IN THE INTERNATIONAL ECONOMY. PREREQUISITE: ECON. 328 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT
21254 LECT-DISC B 9 M M W F 20 COM W

AMERICAN FINANCIAL HISTORY. ECON 335 PREREQUISITE: FIN. 250.
3 HOURS, OR 1/2 OR 1 UNIT M W F 21262 1.1 20 COM W 7 ECONOMIC HISTORY OF AMERICAN AGRICULTURE. SAME AS AG. EC. AND HIST. 337. PREREQUISITE: A COLLEGE-LEVEL COURSE IN BASIC ECONOMICS OR AMERICAN ECCN 337

HISTORY. \*GRADUATE STUDENTS TAKING THIS COURSE FOR ONE UNIT CREDIT ARE

REQUIRED TO DO EXTRA WORK. \*3 HOURS, OR 3/4 OR 1 UNIT

ALL STUDENTS WILL ERROLL IN THE LECTURE. AGRICULTURAL ECONOMICS STUDENTS SHOULD ERROLL IN DISC. L, WHILF ECONOMICS AND HISTORY STUDENTS SHOULD ERROLL IN DISC. M.

8-10 21271 LECT 313 TH 21289 313 M H 313 21297 DISC TH

ECON 341 THE ECONOMICS OF LABOR MARKETS. SAME AS L. I. R. 341.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS, OR 1/2 OR 1 UNIT
301 LECT-DISC N 10-21301

10-1130 TU TH 11 COM W

ECONOMICS OF MANPOWER . ECON 345 SAME AS L. I. R. 345.
PREREQUISITE: ECON. 103 OR 108. \*GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 345 AND ECON./L. I. R. 944. \*3 HOURS, OR 1/2 OR 1 UNIT \*3 HOURS, CCT-DISC C 10 M W F 11 COM W ECON./L. I. R. 444.

ECON 350 THE DEVELOPING ECCNOMIES. PREREQUISITE: FCON. 103 OR 108.
\*NOT OPEN FOR GRADUATE CREDIT FOR GRADUATE CANDIDATES IN ECONOMICS. GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 350 AND 450 OR 451. \*3 HOURS, OR 1/2 OR 1 UNIT 21327 LECT-DISC G M W F 130 COM W 3

ECON 353 ECONOMIC DEVELOPMENT IN INDIA AND SOUTHEAST ASIA. SAME AS AG. EC. 353.

PREREQUISITE: ECON. 103, 108, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
21335 LECT-DISC A 8 M W F 122 D

ECDN 354 ECONOMIC DEVELOPMENT OF TROPICAL AFRICA. PREREQUISITE: ECON. 103 OR 108, OP CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
343 LECT-DISC M 9-11 TU 332 ARMON 332 21343 332 ARMORY 332 ARMORY TU

7 THE SOVIET ECONOMY.
PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
1351 LECT-DISC E 1 M W F 130 COM ECON 357 21351 130 COM W

THE ECONOMY OF CHINA. PREREQUISITE: ECON. 103, 108, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
1360 LECT-DISC D 11 M W F 126 CO 126 COM W

REGIONAL ECONÒMIC DEVELOPMENT. PREREQUISITE: ECON. 103 OR 108 \*STUDENTS RECEIVING GRACUATE CREDIT FOR ECON. 360 MAY NOT RECEIVE ECON 360 CREDIT FOR ECON. 460 OR 461. \*3 HOURS, OR 1/2 OR 1 UNIT .378 LECT-DISC B 21378 M W F 130 COM W

8 MATHEMATICAL ECONOMICS, 11.
PREREQUISITE: MATH. 124 OR 315, MATH. 143, ECON. 300 OR EQUIVALENT.
3 HOURS, OR 1/2 TO 1 UNIT
1386 LECT-DISC D 11 M W F 11 COM W ECON 368 21386

ECONOMICS OF TRANSPORTATION. PREREQUISITE: ECON. 103 OR 108.

3 HOURS, OR 1/2 OR 1 UNIT
21394 LECT-DISC G 3 3 M W F 6 COM W ECON 386 CURRENT TRANSPORTATION PROBLEMS. PREREQUISITE: ECON. 384 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT
21408 LECT-DISC B 9 M W F M W F 11 COM W COURSES FOR GRADUATES ECON 400 GENERAL ECONOMIC THEORY. PREREQUISITE--ECON. 103 OR 108. LECT-DISC L 8-10 TU TH 222 D K H STEINKAMP 21416 ECON 401 GENERAL ECONOMIC THEORY. PREREQUISITE: ECON. 103 OR 108. 1 UNIT 21424 LECT-DISC N 10-12 TU TH 245 COM W FLANDERS 21432 LECT-DISC R 1-3 TU TH 245 COM W FLANDERS O3 ECONOMIC THEORY.

PREREQUISITE: ECON. 300-301 OR EQUIVALENT; FOR THE MATHEMATICS
SECTION, A KNOWLEDGE OF ALGEBRA AND CALCULUS. ECON 403 1 LINET \*\*SECTION &N IS THE MATHEMATICS SECTION\*\*
21467 LECT-DISC \*&N 10-12 TU TH 40 COM W
21441 LECT-DISC N1 10-12 TU TH 140 COM W
21459 LECT-DISC N2 10-12 TU TH 126 COM W BREMS MILLAR MCMAHON ECON 406 HISTORY OF ECONOMIC THOUGHT. PREREQUISITE: ECON. 300 AND 301 OR EQUIVALENT. 1 UNIT 21475 LECT-DISC E 1 - 3 11 COM W EAGLY 8 PHILOSOPHICAL PROBLEMS IN ECONOMICS.
PREREQUISITE: ONE UNIT IN ECONOMIC THEORY OR ONE UNIT IN THE HISTORY OF ECONOMIC THOUGHT. 1 UNIT 21483 LECT-DISC G 3-5 E 11 COM W RRANDES 1 CAPITAL AND INTEREST THEORY.
PREREQUISITE: ECON. 403 OR CONSENT OF INSTRUCTOR. ECON 411 1 UNIT 21491 LECT-DISC N 10-12 TU TH 20 COM W RESEK COMSUMPTION THEORY.
PREREQUISITE: ECON. 400 OR 402 OR CONSENT OF INSTRUCTOR. 1 UNIT 21505 LECT-DISC F 3-5 M 11 COM W MCMAHON ECON 415 ECONOMICS OF TAXATION. PREREQUISITE: SIX HOURS OF ECONOMICS. 1 UNIT 21513 LECT-DISC G F 140 COM W DUE THE THEORY OF MONETARY POLICY.
PREREQUISITE: A COURSE IN MONEY AND BANKING, IN MACRO-ECONOMIC
THEORY, CALCULUS, AND STATISTICS, OR CONSENT OF INSTRUCTOR. ECON 421 SPRENKLE 1 UNIT 20 COM W 21521 LECT-DISC F

2-4 M

20 COM W

GILLESPIE

INTERNATIONAL TRADE POLICY.

21530 LECT-DISC F

1 UNIT

PREREQUISITE: ECON. 300 AND 301, CR EQUIVALENT.

ECON	436 AME NOT OPER 1 UNIT	ERICAN ECONOMI N TO STUDENTS	C HISTORY. WHO HAVE HAD	ECON. 236.			
	21548	LECT-DISC L	8-10	TU TH	111 6	жн	KEMMERER
ECON		ONOMIC HISTORY ISITE: CONSENT	OF EUROPE. OF INSTRUCTO	R.			
		LECT-DISC A	8-10	M F	111	кн	KEMMERER
ECON	PREREQUI	BOR ECONOMICS. ME AS L. I. R. ISITE: ECON. 3	441 .				
	1 UNIT 21564	LECT-DISC R	1-3	ТН	24 (	COM W	HARTMAN
ECON	S AM PREREQUI	LECTIVE BARGA ME AS L. I. R. SLITE: CONSENT	INING. 442. OF INSTRUCTO	K.			
	1 UNIT 21572	LECT-DISC	1-3	ŤU	43 L	. 1 R	
ECON	SAM	E AS L. I. R.	CTICES OF LABO 443. OF INSTRUCTOR		ETTLEMEN	۱T.	
	1 UNIT 21581	LEC T-DISC	3-5	TU	43 L	. I R	
ECON	451 THE PREREQUE	DEVELOPING E	CENOMIES.				
		LECT-DISC R	3-5	TU	130 (	OM W	TAIRA
ECON	457 ECC PREREQUI	DNOMIC PLANNIN ISITE: ECON. 3	G IN THE SOVII 00-301, OR 35	FT UNION AND 7, OR CONSEN	EASTERN T OF INS	EUROPE. STRUCTOR.	
	21602	LECT-DISC T	3-5	тн	130	OM W	MILLAR
ECON	PREREQUI * STUDENT CREDIT F	SITE: ECON. 3	REDIT FOR ECUI		OT RECEI	IVE GRADUATE	
	*1 UNIT 21611	LECT-DISC A	8-10	М	140 (	COM W	WILLIAMSON
ECON	PREREQUI		NOMICS, II: D' 15; ECUN. 402-		I VALENT.		
	1 UNIT 21629	LECT-DISC F	2-4	F	8 (	COM W	BREMS
FCUN	470 ECU PREREQUI	NOMIC STATIST	ICS. OF INSTRUCTOR	₹.			
	21637		3-5	M W	245 (	COM W	STEINKAMP
ECON	471 ECC PREREQUI 1 UNIT	NOMIC STATIST	ICS. 70 OR EQUIVALE	ENT.			
		LECT-DISC R	1-3	IU TH	40 0	OM W	JUDGE
ECON	477 ECC PREREQUI	NOMETRICS, II SITE: ECON. 4	76.				
	21653	LECT-DISC E	1-3	W F	11 0	OM W	YANCEY
ECON	PREREQUI	USTRIAL ORGAN SITE: ECON. 4	IZATION AND PU 80.	BLIC PGLICY			
	1 UNIT 21661	LECT-DISC T	3-5	TH	20 0	OM W	ARNOULD

TO   STATE	ECON		CONOMICS OF	TRANSPO				
1/2 TO 1 UNIT				C R	1-3	ŤU	11	CCM W
1/2 TO 1 UNIT								
#SECTION A: RESEARCH IN FCONOMICS. #SECTION I: STATISTICS FOR RESEARCH PURPOSES. 21688 CONF ARR 21696 CONF *A 8-10 W 140 COM W 21700 CONF *T 3-5 TU 140 COM W  ECON 499 THESIS RESEARCH. 0 TO 4 UNITS #SECTION 1 IS EXCLUSIVELY FOR MASTERS CANDIDATES AND SECTION 1 IS EXCLUSIVELY FOR PH. D. CANDIDATES. 21718 CONF *1 10-12 M ARR 21726 CONF *2 3-5 TH 245 COM W  EDUCATION  DEPAPTMENT OFFICE 110 EDUCATION  **COURSES FOR UNDERGRADUATES**  EDUC 101 EDUCATION PRACTICUM. PREREQUISITE: EDUC. 100 OR CONSENT OF INSTRUCTOR. 4 HOURS 21734 LECT-DISC 1 8-10 M W 385 EDUC 21742 LECT-DISC 2 8-10 M W 15 DK H 21751 LECT-DISC 3 10-12 M W 382 EDUC 21769 LECT-DISC 3 10-12 M W 382 EDUC 21769 LECT-DISC 5 9-11 TU TH 209 DK H 21777 LECT-DISC 5 9-11 TU TH 325 DK H 21785 LECT-DISC 6 10-12 TU TH 442 M H 21785 LECT-DISC 7 11-1 TU TH 385 EDUC  EDUC 199 UNDERGRADUATE OPEN SEMINAR. **MAY BE REPEATED. **O TO 9 HOURS**	ECUA			TUDY AND	RESEARCH.			
21688		* SEC TI	ON A: RESEA					
ECON 499 THESIS RESEARCH.  0 TO 4 UNITS  *SECTION 1 IS EXCLUSIVELY FOR MASTERS CANDIDATES AND SECTION 2 IS EXCLUSIVELY FOR PH. D. CANDIDATES.  21718 COMF *1 10-12 M ARR 21726 COMF *2 3-5 TH 245 COM W   EDUCATION  DEPAPTMENT OFFICE 110 EDUCATION  COURSES FOR UNDERGRADUATES  EDUC 101 EDUCATION PRACTICUM. PREREQUISITE: EDUC. 100 OR CONSENT OF INSTRUCTOR. 4 HOURS 21734 LECT-DISC 1 8-10 M W 385 EDUC 21742 LECT-DISC 2 8-10 M W 15 DK H 21751 LECT-DISC 3 10-12 M W 382 EDUC 21769 LECT-DISC 4 9-11 TU TH 209 DK H 21777 LECT-DISC 5 9-11 TU TH 225 DK H 21785 LECT-DISC 6 10-12 TU TH 442 M H 21793 LECT-DISC 7 11-1 TU TH 385 EDUC  EDUC 199 UNDERGRADUATE OPEN SEMINAR. **MAY BE REPEATED.				STICS FO		PURPOSES.		
ECON 499 THESIS RESEARCH.  0 TO 4 UNITS  **SECTION 1 IS EXCLUSIVELY FOR MASTERS CANDIDATES AND SECTION 2 IS EXCLUSIVELY FOR PH. D. CANDIDATES. 21718 CONF *1 10-12 M ARR 21726 CONF *2 3-5 TH 245 COM W   EDUCATION  DEPAPTMENT OFFICE 110 EDUCATION  COURSES FOR UNDERGRADUATES  EDUC 101 EDUCATION PRACTICUM. PREREQUISITE: EDUC. 100 OR CONSENT OF INSTRUCTOR. 4 HOURS 21734 LECT-DISC 1 8-10 M W 385 EDUC 21742 LECT-DISC 2 8-10 M W 15 DK H 21751 LECT-DISC 3 10-12 M W 382 EDUC 21769 LECT-DISC 4 9-11 TU TH 209 DK H 21777 LECT-DISC 5 9-11 TU TH 325 DK H 21785 LECT-DISC 5 9-11 TU TH 325 DK H 21793 LECT-DISC 7 11-1 TU TH 385 EDUC  EDUC 199 UNDERGRADUATE OPEN SEMINAR. **MAY BE REPEATED.								
O TO 4 UNITS  *SECTION 1 IS EXCLUSIVELY FOR MASTERS CANDIDATES AND SECTION 2 IS EXCLUSIVELY FOR PH. D. CANDIDATES.  21718		21100	CON	*1	3-3	10	140	COH W
*\$ECTION 1 IS EXCLUSIVELY FOR MASTERS CANDIDATES AND SECTION 2 IS EXCLUSIVELY FOR PH. 0. CANDIDATES. 21718 CONF *1 10-12 M ARR 21726 CONF *2 3-5 TH 24.5 COM W   EDUCATION  DEPAPTMENT OFFICE 110 EDUCATION  COURSES FOR UNDERGRADUATES  EDUC 101 EDUCATION PRACTICUM. PREREQUISITE: EDUC. 100 OR CONSENT OF INSTRUCTOR. 4 HOURS 21734 LECT-DISC 1 8-10 M 385 EDUC 21742 LECT-DISC 2 8-10 M 15 D K H 21751 LECT-DISC 3 10-12 M 382 EDUC 21769 LECT-DISC 4 9-11 TU TH 209 D K H 21777 LECT-DISC 5 9-11 TU TH 209 D K H 21785 LECT-DISC 6 10-12 TU TH 442 M H 21793 LECT-DISC 7 11-1 TU TH 385 EDUC  EDUC 199 UNDERGRADUATE OPEN SEMINAR. **MAY BE REPEATED. **MAY BE REPEATED.	ECON	499 T	HESIS RESEA	RCH.				
SECTION 2 IS EXCLUSIVELY FOR PH. 0. CANDIDATES.				LUSTVELY	FOR MASTE	RS CANDIDA	TES AND	
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COURSES FOR UNDERGRADUATES  EDUC 101								
COURSES FOR UNDERGRADUATES  EDUC 101								
EDUC 101 EDUCATION PRACTICUM.  PREREOUISITE: EDUC. 100 OR CONSENT OF INSTRUCTOR.  4 HOURS  21734 LECT-DISC 1 8-10 M W 385 EDUC 21742 LECT-DISC 2 8-10 M W 15 D K H 21751 LECT-DISC 3 10-12 M W 382 EDUC 21769 LECT-DISC 4 9-11 TU TH 209 D K H 21777 LECT-DISC 5 9-11 TU TH 325 D K H 21785 LECT-DISC 6 10-12 TU TH 442 M H 21793 LECT-DISC 7 11-1 TU TH 385 EDUC  EDUC 199 UNDERGRADUATE OPEN SEMINAR.  *MAY BE REPEATED.  **O TO 9 HOURS					E DUC A	TION		
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*0 TO 9 HOURS	€DUC	101 EI PREREOI 4 HOUR: 21734 21751 21769 21777 21785	DUCATION PR UISITE: EDU S LECT-DIS LECT-DIS LECT-DIS LECT-DIS LECT-DIS	COURSES  ACTICUM. C. 100 0  C 1 C 2 C 3 C 4 C 5 C 6	FOR UNDER 8-10 8-10 10-12 9-11 9-11 10-12	GRADUATES  OF INSTRUC  M W M W TU TH TU TH TU TH	385 15 382 209 325 442	EDUC DKH EDUC DKH DKH MH
		101 E:     PREREO     4 HOUR:     21734     21751     21769     21777     21785     21793	DUCATION PR UISITE: EDU S LECT-DIS LECT-DIS LECT-DIS LECT-DIS LECT-DIS	COURSES  ACTICUM. C. 100 G  C 1 C 2 C 3 C 4 C 5 C 6 C 7	FOR UNDER 8-10 8-10 10-12 9-11 9-11 10-12 11-1	GRADUATES  OF INSTRUC  M W M W TU TH TU TH TU TH	385 15 382 209 325 442	EDUC DKH EDUC DKH DKH MH
21807 CONF 4-6 TH 152 COM W		101 E:     PREREO:     4 HOUR:     21734     21742     21751     21769     21777     21785     21793	DUCATION PRUISITE: EDU S LECT-DIS LECT-DIS LECT-DIS LECT-DIS LECT-DIS LECT-DIS LECT-DIS LECT-DIS	COURSES  ACTICUM. C. 100 G  C 1 C 2 C 3 C 4 C 5 C 6 C 7	FOR UNDER 8-10 8-10 10-12 9-11 9-11 10-12 11-1	GRADUATES  OF INSTRUC  M W M W TU TH TU TH TU TH	385 15 382 209 325 442	EDUC DKH EDUC DKH DKH MH
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HARBESON

STAFF JUDGE DUCHAN

#### EDUCATION ADMINISTRATION

DEPARTMENT OFFICE

EDUCATION BUILDING

### COURSES FOR GRADUATES

ED AD 430 ELEMENTARY SCHOOL ORGANIZATION AND ADMINISTRATION. INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE.

PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT

21815

LECT-DISC

7-9PM

TU 389 EDUC

WESTON

FD AD 438 INSTRUCTIONAL SUPERVISION.

PREREQUISITE: EL. ED. UF SE. ED. 439 AND ED. AD. 460.

1 UNIT

21823

LECT-DISC

7-9PM M

385 EDUC

SERGIOVANNI

ADMINISTRATION AND SUPERVISION OF JUNIOR AND SENIOR HIGH ED AD 440 SCHOOLS.

INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE. PREREQUISITE: ED. AD. 460 OR CONSENT OF INSTRUCTOR.

1 UNIT

21831

382 EDUC

RAUBINGER

INDEPENDENT STUDY . FD AD 449

PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIUR TO ENROLLMENT.
\*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.

\*1/2 OR 1 UNIT 21840

ARR

ED AD 460

PUBLIC CONTROL AND ADMINISTRATION OF FOUCATION.
NOT OPEN TO EXPERIENCED ADMINISTRATORS OR TO ANY STUDENTS WHO HAVE
TAKEN ANY OF THE FOLLOWING COURSES (OR EQUIVALENT): ED. AD. 430. 440, 461, 462, 464, 465, 466.

1 UNIT

LECT-DISC

7-9PM W 385 EDUC

RAUBINGER

FD 40 462 ORGANIZATION AND BUSINESS ADMINISTRATION OF PUBLIC EDUCATION.
PREREQUISITE: ED. AD. 460, 430 OR 440, AND 461.

21858

21866

I UNIT

4-7

TH 25 EDUC BURNHAM

ED AD 463 THE ROLE OF ADMINISTRATIVE LEADERSHIP.

PREREQUISITE: FD. AD. 461 AND EDPSY. 413. 1 UNIT

21874

LECT-DISC

5-9

TU

385 EDUC

CARVER &

FIELD PROBLEMS IN EDUCATIONAL ADMINISTRATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

\*SECTION H OPEN TO STUDENTS IN SPECIAL EDUCATION ONLY. LECT-DISC \*H ARR 210A EDUC 21882

PUBLIC SCHOOL FINANCE. ED AD 466

PREREQUISITE: ED. AD. 460 AND 430 OR 440 AND 462. 1 UNIT

LECT-DISC

4-6

3.85 EDUC

HENDER SON

21891

ED AD 468 SC SCHOOL-COMMUNITY RELATIONS.

21904 LECT-DISC 7-9PM

TU 382 EDUC SUMPTION

MCLURE

ED AD 469 LEGAL BASIS OF SCHOOL ADMINISTRATION.

1 UNIT LECT-DISC 21912

7-9PM W 382 EDUC

SUMPTION

ED AD 400 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.

OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION
FOR THE DEGREES OF PH.D. OR FO. D.

1 TO 2 UNITS
21321 CONF ARR

FO AD 491 FIELD STUDY AND THESIS SEMINAR.

LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.

1 TO 2 UNITS

21939 CONF ARR

FD AD 497 COLLECTIVE BAPGAINING IN PUBLIC EMPLOYMENT.

SAME AS L. I. R. 497, SUC. W. 497, AND PUL. S. 469.

PREREQUISITE: CONSENT OF INSTRUCTUP.

1 UNIT

21947 LECT-DISC A 3-5 W 43 LIR DERBER

ED AD 493 THESIS RESEARCH.

ED AD 499 THESIS RESEARCH.

O TJ 4 UNITS

21955 CONF ARR

#### EDUCATIONAL PRACTICE

DEPARTMENT OFFICE

EDUCATION BUILDING

ADMISSION TO EQUCATIONAL PRACTICE (STUDENT TEACHING): ADMISSION TO STUDENT TEACHING IS LIMITED TO THOSE STUDENTS HHE ARE IN GOOD STANDING IN A TEACHER EQUCATION CURRICULUM APPROVED BY THE URBANA-CHAMPAIGN COUNCIL ON TEACHER EDUCATION. APPROXIMATELY ONE YEAR PRIOR TO THE SCHOOL YEAR IN WHICH THEY CAN BE EXPECTED TO FINDLI IN AN EQUCATIONAL PRACTICE COURSE, ELIGIBLE STUDENTS WILL HAVE MAILED TO THEM AN INVITATION TO APPLY FOR A TENTATIVE STUDENT TEACHING ASSIGNMENT IN THE PUBLIC SCHOOLS. THESE APPLICATIONS MUST BE COMPLETED AND PROCESSED PROMPTLY THROUGH THE APPROPRIATE OFFICE PSTUDENT TEACHING. SIDENTS WHOSE APPLICATIONS ARE APPROVED WILL ENROLL FOR THE FOLLOWING SCHOOL YEAR. CANDIDATES FOR UNIVERSITY OF ILLINOIS TEACHER—EDUCATION DEGREES MUST COMPLETE EDUCATIONAL PRACTICE AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN.
EDUCATIONAL PRACTICE IS A PART OF THE PROFESSIONAL SEMESTER AND IS GENERALLY TAKEN DURING EITHER THE FALL OR SPRING SEMESTER
OF THE DEGREE CANDIDATE'S SENIOR YEAR.

EDUCATIONAL PRACTICE IS UNDER THE GENERAL SUPERVISION OF THE ILLINOIS TEACHING EXPERIENCES LABORATORY. HOWEVER, THE FOLLOWING SEPARATE OFFICES OF STUDENT TEACHING HAVE DEVELOPED SPECIFIC REQUIREMENTS FOR THEIR STUDENTS:

SECONDARY EDUCATION—CANDIDATES ENROLL IN THE APPROPRIATE SECTION DE ED. PR. 242. PHYS. ED. WOMEN ALSO ENROLL IN ED. PR. 238, SECTION D. MUSIC CANDIDATES ALSO ENROLL IN ED. PR. 238, SECTION V. SPEECH CORRECTION CANDICATES ENROLL IN ED. PR. 220, SECTION B. STUDENTS WISHING TO ENROLL IN THE LIBRARY SCIENCE SECTION OF ED. PR. 242 AS WELL AS IN THEIR TEACHING MAJOR MUST FILE APPLICATIONS WITH THE HEAD SUPERVISOR OF EACH FIELD.

ELEMENTARY EDUCATION--CANDIDATES ENROLL IN ED. PR. 232. SECTION A.

SECTION A.

SPECIAL EDUCATION—CANDIDATES ENROLL IN THE APPROPRIATE
SECTION OF ED. PR. 220. CANDIDATE PURSUING A DEGREE IN
SPECIAL EDUCATION MUST ENROLL IN THE APPROPRIATE SECTION OF
ED. PR. 220 AND IN ED. PR. 232, SECTION B.

VOCATIONAL AND TECHNICAL EDUCATION—CANDIDATES ENROLL IN THE
APPROPRIATE SECTION OF EO. PR. 242 EXCEPT AGRICULTURAL
EDUCATION DEGREE CANDIDATES WHO ENROLL IN VOTEC. 276.

FD PR 199 UNDERGRADUATE OPEN SEMINAR.
\*MAY BE REPEATED.
\*O TO 9 HOURS
21963 CONF ARR

#### COURSES FOR ADVANCED UNDERGRADUATES

ED PR 220 EDUCATIONAL PRACTICE IN THE EDUCATION OF EXCEPTIONAL CHILDREN. PREREQUISITE: SENIOR STANDING, CONSENT OF DEPARTMENT. 2 TO 5 HOURS \*SECTION A--MENTALLY RETARDED. 3 HOURS
\*SECTION B--SPEECH CORRECTION. STUDENTS WHO HAVE NOT COMPLETED \*SECTION 8--SPEECH CORRECTION. STUDENTS WHO HAVE NOT COMPL SP. ED. 324 MUST ENROLL IN IT DURING THEIR STUDENT-TEACHING SEMESTER. 5 HOURS. \*SECTION C--MENTALLY RETARDED. 5 HOURS. \*SECTION D1--DEAF. 4 HOURS. \*SECTION D2--DEAF. 5 HOURS. \*SECTION E--EMOTIONALLY DISTURBED. 3 HOURS. PRACT \*A
PRACT \*B 21971 ARR 21980 PRACT ARR 21998 PRACT \* C ARR 22004 PRACT \*D1 ARR \*02 22012 PRACT ARR PRACT ARR 22021 F

ED PR 232 EDUCATIONAL PRACTICE IN ELEMENTARY EDUCATION.
PREREQUISITE: EL. ED. 233, EL. ED. 237, AND SENIOR STANDING.
2 TO 5 HOURS
\*SECTION A IS FOR STUDENTS IN GENERAL ELEMENTARY CUPRICULUM.
5 HOURS
\*SECTION B IS FOR STUDENTS IN EXCEPTIONAL CHILDREN CURRICULA.
3 HOURS.
MUST BE TAKEN CONCURRENTLY WITH EL. ED. 230.
22039 PRACT \*A ARR
22047 PRACT \*B ARR

EDUCATIONAL PRACTICE FOR SPECIAL FIELDS IN ELEMENTARY SCHOOLS. PREREQUISITE: FOR STUDENTS IN THE FARLY CHILDHOOD CURRICULUM, ED PR 238 EL. ED. 334 IS REQUIRED; CONSENT OF INSTRUCTOR. 3 OR 4 HOURS 3 HOURS P.E. FOR MEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION A AND ED. PR. 242, SECTION A.
P.E. FOR WOMEN, REQUIRES REGISTRATION IN SE.
ED. 241, SECTION D AND ED. PR. 242, SECTION D. 3 OR 4 HOURS D 3 HOURS F EARLY CHILDHOOD EDUCATION. ART REQUIRES REGISTRATION IN ED. PR. 242 4 HOURS K SECTION K. MUSIC, REQUIRES REGISTRATION IN SE. ED. 241, 3 HOURS

S HOURS V HOSTE, REQUIRES RESISTANTION IN SEC. ED. 2.

SECTION V. AND ED. PR. 242, SECTION V.

HOURS V LIBRARY SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241, AND ED. PR. 242, SECTION 4,

OR EL. ED. 333 AND ED. PR. 232.

22055 Α ARR 22063 PRACT D ARR 22071 PRACT ARR F 22080 PRACT ARR 22098 PRACT ARR 22101 PRACT ARR

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FOUCATIONAL PRACTICE IN SECONDARY EDUCATION.
F7 DC 242
              PREREQUISITE: SE. ED. 240 AND SENIOR STANDING.
               2 TO 5 HOURS
               2 DR 5 HOURS
                                             P.E. FOR MEN, PEQUIRES REGISTRATION IN
                                      SE. ED. 241, SECTION A.
C HEALTH EDUCATION, REQUIRES REGISTRATION IN
               2 LR 5 HO 185
                                              SE. FD. 241, SECTION A.
P. E. FOR HUMEN, PHOULPES REGISTRATION IN
               3 CR 5 HOJRS
                                            SE. FO. 741, SECTION D.
EDUCATIONAL MEDIA, REQUIRES REGISTRATION IN
               3 1,8 5 HJ JRS
                                              SE. FD. 241.
               3 OR 5 HOURS
                                              BIRLUGY, REQUIRES REGISTRATION IN SE. ED. 241.
                                              SECTION F.
                                        G CHEMISTRY, REQUIRES REGISTRATION IN SE. ED. 241,
               3 DR 5 HO JRS
                                              SECTION F.
               3 CR 5 HOURS
                                        H GENERAL SCIENCE, REQUIRES REGISTRATION IN
                                            SE. ED. 241, SECTIONS F1 OR F2.
PHYSICS, REQUIRES REGISTRATION IN SF. ED. 241
SECTION F.
               3 CR 5 HOURS
                                        ſ
                                            SECTIAL STUDIES, REQUIRES REGISTRATION IN
SE. ED. 241, SECTIONS J1, J2, OR J3.
AFT, REQUIRES REGISTRATION IN ED. PR. 238
SECTION K.
               3 NA 5 HOURS
               3 OR 5 HOURS
                                       K
                                        SECTION K.

ENGLISH, REQUIRES REGISTRATION IN SE. ED. 241,
SECTIONS LI, L?, L3, L4, L5 OR L6.

SPEECH, REQUIRES REGISTRATION IN SE. ED. 247.
N EPENCH, REQUIRES REGISTRATION IN SE. ED. 241.
               3 I'R S HOURS
               3 LR 5 HEJRS
               3 UR 5 HITURS
                                             SECTIONS NI, N2, DR N3.
LATIN, REQUIRES REGISTRATION IN SE. ED. 241,
               3 OR 5 HOURS
                                              SECTIONS NI , NZ , OR N3 .
                                           SECTIONS NI, N2, OR N3.

SPANISH, REQUIPES REGISTRATION IN SE. ED. 241,
SECTIONS NI, N2, OR N3.
GERMAN, REQUIPES REGISTRATION IN SE. ED. 241,
SECTIONS NI, N2, UR N3.
HOME "CONOMICS, REQUIRES REGISTRATION IN
SF. FD. 241, HIME ECONOMICS SECTION R.
INDUSTRIAL EDUCATION, REQUIRES REGISTRATION
IN SE. ED. 241, INDUSTRIAL EDUCATION SECTION S.
MAIH, REQUIRES FEGISTRATION IN SE. ED. 241,
SECTIONS
               3 UR S HUJRS
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               3 OK 5 HOURS
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                                      P
               3 HOURS
               3 DR 5 HOURS
                                              SECTION T.
                                             MUSIC, REQUIRES REGISTRATION IN SE. FD. 241.
               3 HO 18 S
                                             SECTIONS VI OF V2.
BUSINESS FOUCATION, REQUIRES REGISTRATION IN
               5 HITTES
                                    M BUSINESS FOUCATION, REQUIRES REGISTRATION IN SE. ED. 241, SECTION W.

X RUSSIAN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS NI, N2, FR N3.

Y LIBRARY SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241.

DD DANCE, REQUIRES REGISTRATION IN SE. ED. 241,
               3 CR 5 HOURS
              3 DR 5 HOURS
              5 HOURS
                                             SECTION DD.
              3 118 5 HOHRS
                                        TT JUNIOR COLLEGE.
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FOR RM 75 SCHOOL AND COMMUNITY EXPERIENCES.

\* HIRS

\*SELTION SS: SPECIAL EQUIATION.

\*2355 PRACT \*SS ARE

DEPARTMENT UFFICE

FDUCATION BUILDING

#### COURSES FUR UNDERGRADUATES

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UNDERGRADUATE OPEN SEMINAR.
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\*MAY BE REPEATED.

\*0 TO → HOURS

TOPIC: THE TEACHER AND STUDENT ACTIVISM.
373 CONF A 3-5 TU

3-5 TU 385 EDUC Δ

P. RUBIIVITS

#### COURSES FOR ADVANCED UNDERGRADUATES

#### EDPSY 211 EDUCATIONAL PSYCHOLOGY.

PRERFQUISITE: PSYCH. 100.

3 HOURS

\*OPEN ONLY TO STUDENTS REGISTERED FLR STUDENT TEACHING. SECTIONS WILL NOT 4EET DUPING THE SIX-WIEF STUDENT TEACHING PERIOD. 66 HOWIRS SECTION-FOR JAMES SCHOLARS, STUDENTS WHO HAVE RECFIVED CLASS OR "INIVERSITY HOWERS, OR STUDENTS WHO HAVE RECEIVED CONSENT

THE INSTRUCTOR.

STUDENTS ENROLLED IN SECTION A MUST ALSO BE CONCURRENTLY ENROLLED IN SECTION 44 OF HP. ED. 201. THE CONTENT OF THE TWO COURSES WILL BE COORDINATED SO THAT STUDENTS WILL UNDERSTAND THE RELATIONSHIP METWEEN PSYCHOLOGICAL PRINCIPLES AND THE FOUNDATIONS OF AMERICAN SECONDARY EDUCATION.

OPEN ONLY TO STUDENTS ENROLLED IN TEACHER EDUCATION PROGRAMS.
STUDENTS WILL BE REQUIRED UPON REQUEST TO PARTICIPATE IN A TOTAL OF

2 HOUR	S OF EXPERIMENTS	OUTSIDE OF	CLASS.			
22535	LECT-DISC A	9-12	TU	317	DKH	
22446	LFCT-DISC *A1	Ö	MIUWIHE	162	EDUC	
22381	LECT-DISC B	9	M W F	166	EDUC	
22454	LECT-DISC *81	9	MIUWIHE	162	EDUC	
22462	LECT-DISC *R2	9	MIUWTHE	143	ARMURY	
22390	LECT-DISC C	10	M W F	143	ARMORY	
22471	LECT-DISC *C1	10	MIUWIHE	162	EDUC	
22489	LECT-DISC *C2	10	MIUWIHE	125	DKH	
22403	LECT-DISC D	11	M In F	143	ARMORY	
22411	LECT-DISC D1	11	M W F	125	DKH	
22497	LECT-DISC *D2	11	MTUWTHE	162	E DUC	
22501	LECT-DISC *X	12	MITUWITHE	162	EDUC	
22420	LECT-DISC E	1	M W F	143	ARMORY	
22519	LECT-DISC *E1	1	MTUWTHE	2	EDUC	
22438	LECT-DISC F	2	M W F	143	ARMURY	
22527	LECT-DISC &G	3	M W F	125	DKH	

#### 6 CHILD DEVELOPMENT FOR ELEMENTARY TRACHERS. PREREQUISITE: PSYCH. 100. EDPSY 236

3 HOURS

STUDENTS WILL BE PEQUIRED UPON PEQUEST TO PARTICIPATE IN A TOTAL OF

TWO HOURS OF EXPERIMENTS OUTSIDE OF CLASS. 22543 LECT-DISC A

8 22551 LECT-DISC 19 ( K H 22560 LFCT-DISC 19 22578 LECT-DISC 19 1.1 22586 M W LECT-DISC 12 192 EDUC 22594 LECT-DISC 19 2 22608 LECT-DISC 19

# EDPSY 249

PRESENTENT STUDY.

PRESENTING THE UPPER CASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
FOUNT AVERAGE. CONSENT OF ADVISES AND STAFF MEMBER WHO SUPERVISES THE WIRK. 2 HUURS

CONE ALD

# EDPSY 291

THESIS.

PREPEQUISITE: SENIOR STANDING 2 HOURS

22524 CUNF

# EDPSY 297 INFSIS.

PREREQUISITE: SENIOR STANDING.

2 HOURS CONF

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EDUSY 311 PSYCHOLOGY OF LEAGNING FOR TRACHERS.
            PRE-ESSISTE: PRACTICE TRACHING OF TEACHING EXPERIENCE.
            AND FS. PPY. 211.

PHINEN OR 1/2 UNIT

SECTION 1 IS RECOMMENSED FOR STUDENTS IN CROSS SULTURAL EDUCATION

SECTION 1 IS RECOMMENSED FOR STUDENTS IN COUNSELOR EDUCATION.
         *SECTION 15 PECONVENDED F 2 STOLENTS IN COUNSELOW FOUCH 22/401 LECT-DISC A 1-3 Y 16 F-DUC 22/405 LECT-DISC *AI 4-6 Y 1 E-DUC 22/407 LECT-DISC & 1-3 TU 166 E-DUC 22/407 LECT-DISC & 1-3 TU 166 E-DUC 22/407 LECT-DISC & 1 7-9PM N 162 E-DUC 22/407 LECT-DISC & 7-9PM N 162 E-DUC 22/403 LECT-DISC & 4-6 N 1632 E-DUC 22/403 LECT-DISC & 1 4-6 TH 162 E-DUC 22/403 LECT-DISC & 1 4-6 TH 162 E-DUC
                                                                                                          DELANEY
                                                                                                          ME TOFS
FORSY 312 MENTAL HYGIENE AND THE SCHOOL. PREFETURE: PRACTICE TRACHING OF TEACHING EXPERIENCE.
            AND ED. PSY. 211.
2 HOURS OR 1/2 UNIT
            *PECAMMENDED FOR STUDENTS IN COUNSELCE EDUCATION.
         MASHICCI
EDPSY 339 CORRECTIVE READING.
                  SAME AS EL. ED. 339.
            PPEREQUISITE: EL. ED. 335 CR 338.
         3 HOURS OR 1 UNIT
MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR.
22772 LECT-DISC U 4-6 TU 10 EDUC BENNETT
22781 LECT-DISC H 4-6 W 10 EDUC SENNETT
           INDIVIDUAL INTELLIGENCE TESTING.

PREREQUISITE: CONSENT OF INSTRUCTOR AND SIX HOURS OF PSYCHOLOGY
AND SP. E7). 324, OR EDPSY. 392 OR PSYCH. 390.
3 HAURS OR 1 UNIT
*LABORATORY HOURS TO BE ARRANGED.
EDPSY 343
         ELEMENTS OF EDUCATIONAL STATISTICS.
           3 HOURS OR 1 UNIT
         **FOR STUDENTS IN MEDICAL FDUCATION PROGRAM.

22311 LECT-DISC A 1-3 M W 242 EDUC

22829 LECT-DISC B 4-6 TU TH 242 EDUC

22837 LECT-DISC ** ARP
                                                                                                          REZLER
FDPSY 391 CONSTRUCTION AND USE OF TESTS IN TEACHING.
          PREREQUISITE: ED. PSY. 211 OR 236.
            4 HOURS OR 1 UNIT
                       LECT-DISC
                                                  4-6 TU
                                                                             162 FDUC
                                                                                                         GRONLUND.
         PRESEQUISITE: ED. PSY. 211 OR 235.
4 HOURS OR 1 UNIT
                      LECT-DISC A 1-3
         22853
                                                                 m 166 EDUC
                                                                                                         GRONL JND
                                         COURSES FOR GRADUATES
FEPSY 411
                PSYCHOLOGY OF ADDLESCENCE FOR TEACHERS.
          PREREQUISITE: ED. PSY. 311 AND 312.
         1 UNIT 22861 LECT-DISC A 4-6 * 166 EDUC 22870 LECT-DISC 8 1-5 TH 166 EDUC
                                                                                                          31 116
              ADVANCED CHILD DEVELOPMENT FOR STUDENTS OF FOUCATION.
          PREPEQUISTIE: ED. PSY. 311 AND 312.
         1 UNIT
22898 LECT-DISC A 1-3
22896 LECT-DISC R 1-3
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\* 385 EDUC \* 150 ARMORY

PREREDUISITE: ED. PSY. 311, 312 AND 390. 1 UNIT 1 EDUC 22900 1-3 TU SIMPSON EDPSY 415 PSYCHOLOGICAL THEORIES APPLIED TO EDUCATION.
PREREQUISITE: FO. PSY. 311 AND 312, 411 OR 412, CANDIDACY
FOR FD. D. OR PH. D. IN EDUCATION. L UNIT 22918 LECT-DISC A 1-3 TU 385 EDUC 22926 LECT-DISC B 4-6 TH 385 EDUC BLAIR EDPSY 422 BASIC PRINCIPLES OF COUNSELING. PREREQUISITE: ED. PSY. 311 AND 312. I UNIT F 2 EDUC LONG THE USE OF TESTS IN GUIDANCE. PREREQUISITE: ED. PSY. 390, 392 AND 422 OR EQUIVALENTS. 1 UNIT 22942 1-3 TU LECT-DISC 192 EDUC PHILLIPS EDPSY 424 SUPERVISED PRACTICE IN COUNSELING. PREREQUISITE: MASTERS DEGREE IN GUICANCE AND CONSENT OF FACULTY COMMITTEE. 2 UNITS 22951 CONE 6 COM W 8-10 KACZKOWSKI F 6 COM W A B B 9-11 22969 CONF TU 8-10 COM W LONG 9-11 E 6 COM W 22977 CUNF 10-12 ZACCARIA 6 COM W 9-11 PRINCIPLES OF GUICANCE. \*CREDIT IS NOT GIVEN IN BOTH ED. PSY. 325 AND 425. \*1 UNIT 22985 LECT-DISC 7-9PM 4 36 COM W KACZKOWSKI PRINCIPLES AND TECHNIQUES OF GROUP GUIDANCE. PPEREQUISITE: ED. PSY. 311, 312, 422, 423, AND EITHER 325 OR 425, OR CONSENT OF INSTRUCTOR. 1 UNIT 385 EDUC 1 EDUC 162 EDUC 389 EDUC 22993 TH LECT-DISC A 1 - 3MOSES 3-5 Δ 1-3 23000 LECT-DISC B MASJICCI В 3-5 FDPSY 428 THE ANALYSIS AND USE OF OCCUPATIONAL INFORMATION IN GUIDANCE PROGRAMS . PREREQUISITE: ED. PSY. 425 OR AN INTRODUCTORY COURSE IN COUNSELING. 1 UNIT 23018 LECT-DISC 1 EDUC ZACCARIA FIELD INSTRUCTION IN COUNSELING. PREREQUISITE: ED. PSY. 422 AND 424 (WITH CONSENT OF INSTRUCTOR, REGISTRATION IN ED. PSY. 424 MAY BE CONCURRENT). 1 OR 2 UNITS 23026 CONF STAFF ARR SEMINAR IN REHABILITATION COUNSELING. PREREQUISITE: ED. PSY. 326 AND 422. \*MAY BE REPEATED FOR A MAXIMUM OF ONE UNIT. \*1/2 UNIT 23034 LECT-DISC 1 - 3 28 EDUC MOSES 9 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE EDPSY 449 DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT. \*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS. \*1/2 OR 1 UNIT

STAFF

23042

CONF

EDPSY 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION. OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION FOR THE DEGREES OF PH.D. OR ED.D. O TO 2 UNITS \*SECTION A TOPIC: GROUP COUNSELING. \*SECTION A TOPIC: GROUP COUNSELING.
\*SECTION B TOPIC: COUNSELING THEORY.
\*SECTION C TOPIC: COUNSELING THEORY.
\*SECTION D TOPIC: COMPUTER USES IN EDUCATION.
1051 LECT-DISC \*A ARR
1069 LECT-DISC \*B ARR
1077 LECT-DISC \*C ARR
10885 LECT-DISC \*D 10-12 TH 23051 STAFF 23769 PATTERSON 23077 PATTERSON

EDPSY 491 FIELD STUDY AND THESIS SEMINAR.

LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY. 1 TO 2 UNITS 23093 CONF Α PATTER SON 23107 CONE В ARP STAFF

TH 242 EDUC

CHADBOURN

EDPSY 492 PSYCHOLOGY OF LEARNING AND INSTRUCTION. SAME AS PSYCH. 492. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 23115 LECT-DISC 10-12 TU 8 L H ANDERSON

EDPSY 494 MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION. SAME AS PSYCH. AND SOC. 494. PREREQUISITE: ED. PSY. 496 OR PSYCH. 307, CONSENT OF INSTRUCTOR. 1 UNIT F 13 PSYCH BLDG 23123 LECT 10-12

23085

EDPSY 495 THEORY OF MEASUREMENT. SAME AS PSYCH. 495.

PREREQUISITE: ED. PSY. 496 OR PSYCH. 307, OR EQUIVALENT ED. PSY. 392 OR PSYCH. 390 OR EQUIVALENT.

1 UNIT 3-5 M W 150 ARMORY 23131 LECT-DISC WARDROP

STATISTICAL METHODS IN EDUCATION. PREREQUISITE: ED. PSY. 390. 1 UNIT

\*LABORATORY HOURS TO BE ARRANGED.
23140 LECT-DISC A \*1-3
23158 LECT-DISC B \*2-4 \*1-3 M W 389 EDUC \*2-4 TU TH 36 COM W

THESIS RESEARCH. EDPSY 499 23166 CONF ARR STAFF

#### ELECTRICAL ENGINEERING

DEPARTMENT OFFICE

155 E E B

# COURSES FOR UNDERGRADUATES

 WIRING AND ILLUMINATION.
 PREREQUISITE: SOPHYMORE STANDING OR CONSENT OF INSTRUCTOR.
 \*ENGINEERING STUDENTS RECEIVE NO CREDIT. F F 114 \*3 HUURS

23174 LECT 10

151 F F B

COURSES FOR ADVANCED UNDERGRADUATES

BASIC ELECTRICAL ENGINEERING.
PREREQUISITE: PHYCS. 106 AND 107, AND MATH 143.
\*\*CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260. ELECTRICAL
ENGINEERING STUDENTS RECEIVE NO CREDIT.

*3 HOUR	S									
23182	DISC	M1	9-1020	T	UT	H	59	Ε	E	В
23191	DISC	Ρì	1030-12	T	U T	Н	59	Е	Ε	В
23204	DISC	10	11	M	W	F	57	E	Ε	В
23212	DISC	X1	12	M	W	F	59	Ε	Ε	В
23221	DISC	X2	12	M	M	F	57	Е	E	В
23239	DISC	F 1	1	M	W	F	59	Ε	Е	В
23247	DISC	E2	1	M	₩	F	57	ε	Ε	В
23255	DISC	H1	4	M	W	F	57	8	Ε	8

INTRODUCTION TO ELECTROMAGNETIC FIELDS. E E PREREQUISITE: PHYCS. 107 AND MATH. 345.

3 HOURS	S									
23263	DISC	Al	8	M	W	F	170	E	E	В
23271	DISC	B1	9	M	W	F	170	E	E	В
23280	DISC	E1	1	M	W	F	170	Ε	E	В
23298	DISC	G 1	3	M	W	F	269	E	Ε	В
23301	DISC	G2	3	M	W	F	57	E	E	В

APPLICATION AND CONTROL OF MOTORS AND EQUIPMENT.
PREREQUISITE: E. E. 220.
\*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT. E F

*2 HOU	IR S							
23310	DISC	L1	8	TU TH	57	Е	Ε	В
23328	DISC	L 2	8	TU TH	59	8	E	8
23336	O210	R1	ì	TU TH	169	Ε	Ε	8

E E POWER EQUIPMENT LABORATORY. 231 PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 230. \*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT. \*1 HOUR

STUDENTS	S MUST	REGISTER :	IN L	ECTURE	AND	ANY ONE	LAB.			
23344	LFCT	Δ		9		TH	269	Ε	E	В
23352	LAB	M1		9-11		TU	50E	8	Ε	В
23361	LAB	51		2-4		TU	5 0 E	Е	E	В
23379	LAB	U1		4-6		TU	50E	Е	Ε	В
23387	LAB	S2		2-4		TH	50E	Е	Ε	В
23395	LAB	U2		4-6		TH	50E	E	Ε	В
23409	LAB	N3		4-6		W	50 F	F	E	В

PREREQUISITE: E. E. 220.
\*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.

*Z HUUK:	2							
23417	DISC	L1	В	TU TH	141	E	Е	В
23425	DISC	L2	8	TU TH	170	Ε	Е	8
23433	O21C	R1	1	TU TH	59	E	Ε	В
23441	DISC	R 2	1	TU TH	170	E	Ε	В
23450	DISC	S1	2	TU TH	170	E	E	8

```
ELECTRUNICS LABORATORY.
FF
         PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 232. *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
         *1 HOUR
       23468
                    LAR
                                          9-12
                                                                236
       23476
                   LAB
                               М
                                          3-6
                                                               236
                                                                    E E B
        23484
                   LAB
                               N
                                          3-6
                                                    TU
                                                                236
                                          9-12
        23492
                   LAB
                                C
                                                       TH
                                                               236
                                                                     FF
                                P
       23506
                   LAB
                                          3-6
                                                               236
                                                                     E E
       23514
                   LAB
                               0
                                          3-6
                                                        TH
                                                               236
                                                                     FFA
       23522
                   LAB
                               R
                                          9-12
                                                               236 F F B
              ELECTRICAL INSTRUMENTS AND MEASUREMENTS.
F F
         PREREQUISITE: E. E. 220.
          *ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
          #2 HOURS
       23531
                   DISC
                                          8
                                                     TU TH
                                                                169
                                                                     ЕE
       23549
                           S1
S2
                                                               169 E E B
                                                    TU TH
                   DISC
       23557
                   DISC
                                52
                                                    TU TH
E F 235
              ELECTRICAL MEASUREMENT LABORATORY.
         PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 234.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
         *1 HOUR
        23565
                   LAB
                                          9-12
                                                                 50.1 F F B
        23573
                   LAB
                               N
                                          3-6
                                                    TU
                                                                50J E E B
                                                    TH
       23581
               LAB
                               0
                                          9-12
                                                                50J E E B
       23590
                                          3-6
                                                       TH
                                                                 50J E E B
      246 PROJECT LABORATORY.
PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING AND
FF
          CONSENT OF INSTRUCTOR.
          2 TO 4 HOURS
          *SECTION P IS INTEGRATED CIRCUIT PROJECTS FOR 2 HOURS CREDIT.
       23603
               CONF *P
                                   3-5
                                                       TH SOMEEB
                                                                                     CROTHERS
          ELECTRICAL ENGINEERING LABORATORY, I.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 220 OR 260.
E E 251
          HOUR
          STUDENTS MUST REGISTER IN LECTURE AND IN ANY ONE LAB.
       23611
                               ň
                   LECT
                                          8
                                                    TII
                                                               151
                                         10-12
                                                                 50H E E B
       23620
                   LAB
                                N
                                                    TU
       23638
                   LAB
                                С
                                         12-2
                                                    ŤU
                                                                 50H E E B
       23646
                   LAB
                                p
                                         2-4
                                                    TU
                                                                 50H E E
       23654
                   LAB
                                0
                                          4-6
                                                                 50H E
                                                    TU
                   LAB
LAB
        23662
                               R
                                         4-6
                                                     ₩
TH
                                                                 50H E E
       23671
                                S
                                          8-10
                                                                 50H E E
                                                      TH
                                         10-12
                                                                 50H E E B
       23689
                               т
                   LAB
                                         12-2
                                                                 50H F F B
       23697
                                H
                                                        TH
       23701
                                                                 5.0H F F
                               V
                                          2-4
                                                        TH
                                                                          R.
                   LAB
LAB
                                          4-6
       23719
                               'n
                                                        TH
                                                                 50H F F B
       23727
                                х
                                          4-6
                                                        F
                                                                 50H F F
                                                                          R
                                                         S
       23735
                   LAB
                               Y
                                         8-10
                                                                 50H E E
        23743
                   LAB
                                         10-12
                                                                 50H E E B
         NETWORKS, I.

PREREQUISITE: PHYCS. 107; CREDIT GR REGISTRATION IN C. S. 101,

E. E. 251, AND MATH. 345.

**CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260.
          SECTION &C IS AN HONORS SECTION.
               DISC A1
       23751
                                                         F
                                                               141
                                                                    EEB
                                          8
       23760
                                          9
                                                        F
                                                               254
                                                                     E E B
                              B2
C1
P1
D1
X1
X2
H1
&C
       23778
                    DISC
                                          9
                                                   М
                                                          F
                                                                141
                                82
                                                       W
       23786
                                        10
                   DISC
                                                         F
                                                               141
                                                                     E E
                                                    4 W F
       23794
                   DISC
                                      1030-12
                                                                170
                                                                     E E
                                                                         В
                  DISC
DISC
DISC
DISC
        23808
                   DISC
                                                   M W F
                                       11
                                                                          В
                                                                 59
                                                                     E F
```

м

M W F M W F M W F

1.2

12

4

10

3.3

23816

23824

23832

23841

F

141

FFB

FFR 141 E E 59 E E

R

B

E F	262 NETWORKS, II.			
	PREREQUISITE: E. E 3 HOURS	. 260, MATH. 345	, AND C. S. 101.	
	23859 DISC	A1 8	M W F 250 E E B	
	23867 DISC 23875 DISC	C1 10 D1 11	M W F 250 E E B M W F 269 E E B	
	23883 DISC	D2 11	M W F 250 E E B	
	23891 DISC 23905 DISC	H1 4 H2 4	M W F 269 E E B M W F 250 E E B	
	21707 0130	116 4		
E E	266 PROBABILISTIC			
	PREREQUISITE: E. E ENGINEERING.	. 260, OR JUNIOR	STANDING IN ELECTRICAL	
	3 HOURS			
	23913 DISC	X1 9-1020	0 TU TH 169 E E B	
FE	271 ELECTRICAL EN	GINEERING PROBLEM	M S.	
	PREREQUISITE: APPR		LICATION TO DEPARTMENT.	
	0 TO 4 HOURS	TRASONIC TECHNIOUS	ES FOR 3 HOURS CREDIT.	
	23921 0150	M1 830-10	TU TH 260 E E 8	
	23930 DISC	N1 10-1120		OUNDS CARRES
	23972 DISC 23948 DISC	*D1 11 12	M W F 170 E E B M W F 250 E E B	DUNN-O'BRIEN
	23956 DISC	R1 1-220	TU TH 250 E E B	
	23964 DISC	11 230-4	TU TH 260 E E B	
ΕE	272 ELECTRICAL EM	NGINEERING PROBLEM	MS •	
	PREREQUISITE: APPR 0 TO 4 HOURS	ROVED WRITTEN APPI	LICATION TO DEPARTMENT.	
	23981 CONF	K1 ARR		
	23999 CONF 24005 CONF	K2 ARR K3 ARR		
	24005 CUNF	K3 AKK		
ΕE	288 ECONOMIC ASPE			
	PREREQUISITE: JUNE OR CONSENT OF INST		NGINEERING	
	3 HOURS	B1 9	M W F 59 E E B	
	24013 DISC 24021 DISC	G1 3	M W F 59 E E B M W F 59 E E B	
	24030 DISC	H1 4	M W F 59 E E B	
E E	294 INTRODUCTION	TO THE THEORY OF	DIGITAL MACHINES.	
	SAME AS C. S.	294.		
	PREREQUISITE: JUNI 3 HOURS	OR STANDING IN EN	NGINEERING OR MATHEMATICS.	
	24048 LECT	D 11	M W F 151 E E B	MURRELL
	***			
E E	296 HONORS PROJECT		INEERING: CONSENT OF INSTRUCTOR.	
	1 TO 4 HOURS			
	24056 CONF 24064 CONF	&K1 ARR &K2 ARR		
	24004 CONT	GNZ MAIN		
ΕE	297 HONORS SEMINA			
	1 TO 4 HOURS		INEERING; CONSENT OF INSTRUCTOR.	
	24072 DISC 24081 DISC	88 9 8E 1	M W F 57 EEB M W F 162 EEB	
	24001 0130	GC I	M W F 162 E E B	

299 THESIS. E F O TO 3 HOURS 24099 CONF K1 ARR

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SYSTEMS, I. 310 PREREQUISITE: E. E. 262.
3 HOURS, OR O TO 3/4 UNIT
\*SECTION &D IS AN HONORS SECTION. 24170 01SC \*&D D1SC A1 W F 1.1 M W 162 E E B 24102 8 260 DISC B1 24111 B1 D1 F1 F2 G1 H1 Q F 260 24129 DISC 11 М E 260 24137 DISC 269 EE 24145 DISC М 013C 021C 250 FFB 24153 170 F F B 24161 DISC 170 E E B E E 321 INTRODUCTION TO CONTROLLED THERMONUCLEAR FUSION. SAME AS NUC. E. 321.
PREREQUISITE: SENIOR OR GRADUATE STANDING: OR CONSENT OF INSTRUCTOR. 4 HOURS OR 1 UNIT D 11 LECT M W F 203 N F I CIRCUIT LABORATORY.

PREREQUISITE: E. F. 251 AND 262; CREDIT OR REGISTRATION IN E E 323 E. E. 350. 1 HOUR, OR O OR 1/4 UNIT 1 HOUR, UR O OR 1/4 UNII 24196 LAB M 24210 LAB N 24218 LAB C 24226 LAB P 24234 LAB Q 24242 LAB R 24242 LAB S 24269 LAB T 3-6 132 E E B TU 9-12 132 Ε TU TU W TH TH 12-3 132 3-6 3-6 132 Q R S 132 В 9-12 132 FF B 12-3 132 FFB 3-6 TH 132 FF INTRODUCTION TO NETWORK SYNTHESIS. PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 310.
3 HOURS, JR O TO 1 UNIT
24277 DISC D1 11 M W F 25 24277 M W F 254 E E B 330 MAGNETIC CIRCUITS AND TRANSFORMERS.
PREREQUISITE: E. E. 229 AND 262.
3 HOURS, OR 0 OR 3/4 UNIT E F 24285 DISC 81 24293 DISC X1 M W M W M W M W F 257 12 F 254 В 24307 DISC Εl F 269 DISC 24315 E2 F 257 В 24331 DISC F1 М F 257 DISC G1 250 3 31 MAGNETIC CIRCUITS AND TRANSFORMER LABORATORY.

PREREQUISITE: E. E. 251; CREDIT OR REGISTRATION IN E. E. 330.

1 HOUR, OR 0 OR 1/4 UNIT EE 331 24340 LAB M 24358 LAB N 24356 LAB O 24366 LAB D 24374 LAB P 24382 LAB Q 24391 LAB R 24404 LAB S 9-12 TU 50K E E B 12-3 TU 50K E E B 3-6 50K E E TU 3-6 W TH SOK F F B 9-12 50K E E B 12-3 TH 50K E E B 24404 LAB S 3-6 50K E E B 336 ADVANCED ANALYSIS CF ELECTRIC POWER EQUIPMENT.
PREREQUISITE: E. E. 330 AND 331.
4 HOURS, OR 0 OR 1 UNIT
24412 OISC C 10 M W F 162 E E

162 E E B

```
O ELECTRONICS, I.

PREREQUISITE: PHYCS. 108 AND E. E. 260.
3 HOURS, OR O OR 3/4 UNIT
E E
                             B 1
        24421
                    DISC
                                                                269
                                                                    FFR
                                                   M W
                                                          F
        24439
                    DISC
                                R2
                                          q
                                                                250
                                                                     FFR
        24447
                    DISC
                                X1
                                          12
                                                          _
                                                                170
                                                                     FFR
                                E1
        24455
                    DISC
                                          1
                                                   BA.
                                                          =
                                                                141
                                                                     EEB
                                                          Е
        24463
                    DISC
                                E2
                                          1
                                                   М
                                                                254
                                                                     E E
                                                                          В
        24471
                   DISC
                                н1
                                                                260
                                                                     FF
           ELECTRUNICS EXPERIMENTATION.
FF
      341
          PREREQUISITE: E. E. 251, CREDIT OR REGISTRATION IN E. E. 340.

1 HOUR, OR O OR 1/4 UNIT
          STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB.
                            A
                                                         269
        24480
                   LECT
                                       8
                                                    TU
                                                                     £ E B
        24498
                    LECT
                                                     TU
                                                               269
                                           1
        24501
                    LAB
                                         10-12
                                                     TU
                                                                235
        24510
                   LAB
                                N
                                          2-4
                                                     TU
                                                                235
                                                                     FF
                                n
        24528
                   1 AB
                                          4-6
                                                     TU
                                                                235
                                                                     F F B
                                                     TH
                                          8-10
        24536
                                p
                                                                235
                   1 AB
                                                                        F
        24544
                   LAB
                                Ω
                                         10-12
                                                       TH
                                                                235
                                                                     FF
                                          12-2
                                                                235
        24552
                   LAB
                                D
                                                        TH
                                                                     E
                   LAB
LAB
LAB
                                S
                                         2-4
        24561
                                                        TH
                                                                235
                                                                     FF
                                          4-6
        24579
                                т
                                                        TH
                                                                235
                                                                     F F
                                                                          R
        24587
                                11
                                          10-12
                                                                235
                                                                     FFB
E F
            ADVANCED ELECTRONICS.
         PREREQUISITE: E. E. 262, 340, AND 341.
3 HOURS, OR 0 OR 3/4 UNIT
          *SECTION &C IS AN HONORS SECTION.
                DISC
                           Al
        24595
                                     8
                                                               257
                                                                     EEB
                                                      W
                   0130
        24609
                                C 1
                                                   M W
                                                          F
                                                                257
                                                                     E E
                                                   M W
        24617
                    21.50
                                D1
                                                                257
                               D1
X1
X2
G1
H1
*&C
                                         1.1
                                                                          В
                    DISC
        24625
                                         12
                                                                269
                                                                          В
                                                      W
        24633
                   DISC
                                         1.2
                                                   М
                                                          F
                                                                257
                                                                     F
                                                                       ۶
                                                                          В
                   DISC
                                                          F
                                                                257
        24641
                   DISC
                                        3
                                                       W
                                                                     FFR
        24650
                                                   М
                                                          F
                                                                257
                                                       W
                                                                     F F 8
                                                                     F F
        24668
                               * E.C
                                         1.0
                                                                 5.7
FF
              ELECTRONICS LABORATORY
        PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 342.
          1 HOUR, OR O OR 1/4 UNIT
                         М
        24676
                   LAB
                                                                238
                                                                     E E B
        24684
                    LAB
                                          9-12
                                                    TU
                                                               238
                                                    TU
        24692
                                0
                                         12-3
                                                                238
                    LAB
                   LAB
LAB
                                         3-6
        24706
                                P
                                                                238
                                                                     EEB
        24714
                               Q
                                          3-6
                                                                238
        24722
                                R
                                          9-12
                                                       TH
                                                                238
                   LAB
LAB
LAB
        24731
                                S
                                         12-3
                                                        TH
                                                               238
                                                                          5
        24749
                                Т
                                          3-6
                                                        TH
                                                                238
                                                                     FF
                                                                          R
                                                        F
        24757
                                          3-6
                                                               238
                                                                     F F B
                                U
        24765
                                V
                                          8-11
                                                                238
                                                                     E E
            THEORY AND FABRICATION OF SOLID STATE DEVICES.
FF
      344
         PREREQUISITE: E. E. 340.
         4 HOURS OR 1 UNIT
STUDENTS MUST REGISTER IN ONE DISC. AND IN ONE
                          24773
                   DISC
                                                              59
        24781
                    DISC
                                                               250
        24790
                                                  TU
TU
                    LAB
                                                                133
        24803
                    LAB
                                N
                                          9-12
                                                                133
                                                                         В
        24811
                    LAB
                                0
                                          2-5
                                                                     E E
                                                                          В
                                                    TH
                                                               133
        24820
                    LAB
                                P
                                          9-12
                                                               133
                                                                     E E
                                                                          8
        24838
                    LAB
                                          2-5
                                                               133
                                                                     F F B
         PREREQUISITE: E. E. 330 AND 342.
*CREDIT IS NOT GIVEN FOR BOTH E. E. 347 AND E. E. 381.
*4 HOURS, OR 0 OR 1 UNIT
STUDENTS MUST REGISTER IN THE DISCUSSION AND IN ONE LAB.
E E
      347
                                    3 N W F 162 E E B
9-12 TH 50N E E B
2-5 TH 50N E E B
        24846
                   DISC G1
LAB M
```

24854 24862

LAB

N

E F	350 LINES, FIELDS, AND WAVES. PREREQUISITE: E. E. 229 AND 262. 3 HOURS OR 3/4 UNIT
	**SECTION &B IS AN HONORS SECTION.  24971
	24935 DISC *&B 9 M W F 162 E E B
E F	352 ELECTROMAGNETIC FIELDS. PREREQUISITE: E. E. 350. 3 HOURS OR 3/4 UNIT
	24943 DISC Al 8 M W F 57 E E B 24951 DISC Cl 10 M W F 169 E E B 24960 DISC F1 2 M W F 141 E E B 24978 DISC F2 2 M W F 59 E E B 24986 DISC H1 4 M W F 169 E E B
E E	353 RADIO CIRCUITS.  PREREQUISITE: E. E. 341; CREDIT OR REGISTRATION IN E. E. 310.  4 HOURS, OR O OR 1 UNIT STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.
	24994 DISC C1 10 M W F 260 E E B
	25019 LAB M 9-12 TU 246 E E B
	25035 LAB 0 9-12 TH 246 E E B 25043 LAB P 12-3 TH 246 E E B
E E	355 FIELDS AND WAVES. PREREQUISITE: E. E. 229 AND 350, OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 0 OR 3/4 UNIT
	3 HOURS, OR 0 OR 3/4 UNIT 25051 DISC AI 8 M W F 162 E E B
E E	356 MICRO WAVE TECHNIQUES. PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 352 OR 355.
	1 HOUR, OR 0 OR 1/4 UNIT 25060 LAB M 9-12 TU 251 E E B 25078 LAB N 12-3 TU 251 E E B 25086 LAB O 12-3 TH 251 E E B
E E	359 INTRODUCTION TO NOISE AND INFORMATION TRANSMISSION.
c c	PREREQUISITE: E. E. 310. 3 HOURS, OR 3/4 OR 1 UNIT
	25094 DISC M 9-1020 TU TH 141 E F B
E E	366 AERONOMY: PHYSICS OF THE UPPER ATMOSPHERE AND SPACE. SAME AS ASTR. AND PHYCS. 366. PREREQUISITE: PHYCS. 342, 321, AND 381; OR CONSENT OF INSTRUCTOR.
	4 HOURS OR 1 UNIT 25108 LECT T 230-4 TU TH 137 P B
E E	367 ACTIVE NETWORKS. PREREQUISITE: E. E. 342.
	3 HOURS OR 3/4 UNIT 25116 DISC E1 1 M W F 169 E E B
€ F	373 ENGINEERING ACOUSTICS.  SAME AS T. A. M. 373.  PREREQUISITE: SENIOR STANDING WITH CREDIT IN MATH. 345 OR
	3 HOURS, OR 3/4 TO 1 UNIT
	25124 DISC D 11 M W F 169 E E B
E E	376 SYMMETRICAL COMPONENT ANALYSIS OF POWER SYSTEMS. PREREQUISITE: E. E. 350. 3 HOURS, OR O OR 1 UNIT
	25132 OISC F1 2 M W F 162 E E B

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ELECTRIC POWER NETWORKS.
          PREREQUISITE: E. E. 350, CREDIT OR REGISTRATION IN E. E. 332-3 HOURS, OR O OR 1 UNIT 25141 OISC HI 4 M W F 162 E E B
E F 381 PULSE TECHNIQUES.
            PREREQUISITE: E. E. 342.

*CREDIT IS NOT GIVEN FOR BOTH F. E. 347 AND E. E. 381.
          *CREDIT IS NOT GIVEN FOR BOTH F. E. 347 AND E. E. 381.

*4 HOINTS, OR O OP 1 UNIT
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.
25159 LECT C1 10 M W F 269 E E B
25167 LAB M 9-12 TU 234 E E B
25175 LAB N 12-3 TU 234 E E B
25183 LAB O 9-12 TH 234 E E B
25191 LAB P 1-4 TH 234 E E B
                                                                  TU
TH
TH
                                                     1-4
        382 TRANSISTOR CIRCUITS.

PREREQUISITE: E. E. 340, 342 AND 343, CREDIT OR REGISTRATION IN
E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT
E F
             STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.
                                    B1 9 M W F 169
F1 2 M W F 169
G1 3 M W F 169
M 9-12 TU 241
N 9-12 TH 241
          25205
                         DISC
                                                                                           E E B
                          DISC
          25213
                                                                                           FFB
          25221
                          DISC
                                                                                            FFR
          25230
                         LAB
                                                                                           E E B
          25248
                         LAB
       383 TRANSISTOR CIRCUITS.
F F
             PREREQUISITE: E. E. 342 AND 343, CREDIT OR REGISTRATION IN E. E. MET. F. 384, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT
          25256 DISC B1
25264 DISC F1
25272 DISC G1
                                                                                    169 E E B
                                                                   M W F
                                                                                    169
          25264
                                          F )
                                                                                           FFB
                                                       3
                                                                                    169
FF
        384 PROPERTIES OF SOLIDS.
            SAME AS MET. E. 384.
PREREQUISITE: PHYCS. 383
             3 HOURS OR 3/4 UNIT
          119 M M B
                                                                                     119
                                                                                           M M B
                                                                                     151
        386 FUNDAMENTALS OF SERVOMECHANISMS.
E E
            PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING, OR
             CONSENT OF INSTRUCTOR.
          4 HOURS, OR O OR 1 UNIT
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.
25311 DISC 61 3 M W F 260 E E
25329 DISC 61 3 M W F 260 E E
                                                                                           EEB
                                                                                           F F B
                         LAB
LAB
                                                                   TU TH
          25337
                                                        9-12
                                           М
                                                                                     233
          25345
                                          N
                                                      12-3
                                                                                    233
                                                                                           E E B
                                                                                    233 E E B
                                                       9-12
          25353
                                          Ω
                                                     12-3
                                                                                   233
          25361
                        LAB
                                         P
                                                                         TH
                                                                                           E E B
               INTRODUCTION TO QUANTUM ELECTRONICS FOR ELECTRICAL ENGINEERS.
E E
            PREREQUISITE: PHYCS. 383.
             3 HOURS OR 1 UNIT
          25370 DISC
                                                                 M W F
                                                                                  169 F F B
FE
                    ELECTRONIC ANALOG COMPUTERS.
           PREREQUISITE: E. E. 340, 341, MATH. 345 OR CONSENT OF INSTRUCTOR.

3 HOURS, JR O OR 1 UNIT
STUDENTS MUST REGISTER IN DISCUSSION AND IN ONE LAB.
          $100ENTS MUST REGISTER IN UTSCUSSION AND IN ONE LAB.

25398 OISC N1 10-1120 TU TH 2 0 E E B

25496 LAB R1 1-3 TU 262 E E B

25400 LAB T1 3-5 TU 262 E E B
FF
                   COMMUNICATION DESIGN.
          PREREQUISITE: E. E. 342 AND E. E. 350.
3 HOURS, OR O OP 3/4 UNIT
25418 DISC C1 17 M W F 170 E F B
25426 DISC F1 2 M W F 170 E F B
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{ F	391 BOOLEAN ALGEBRA	AND SWITCHING THE	CRY.		
	PREREQUISITE: SENIOR	STANDING AND CONS		CTOR.	
	3 HOURS, OR 1/2 OR 1 I 25434 LECT-DISC M	JNIT 10-1120	TU TH 119	M M B	METZE
	23.31				
E E	392 INTRODUCTION TO	AUTOMATA THEORY.			
	PREREQUISITE: C. S. AN	E. E. OR MATH. 39	1 OR CONSENT	OF INSTRUCTOR.	
	3 HOURS, OR 1/2 OR 1 L 25442 LECT-DISC B 25451 LECT-DISC D	TINIT		A 11	MIRLED
	25451 LECT-DISC D	11 4	W F 168	E E 9	MULLER
E E	397 PROJECTS AND LECT PREREQUISITE: SENIOR S	TANDING AND CONS	ELECTRONICS.	C TOO +	
	RECOMMENDED E. E. 387.				
	3 HOURS, JR 0 TO 1 UN 25469 DISC S	2-320	TU TH 141	E E B	
		COURSES FOR GR	ADUATES		
€ €	400 SEMINAR. REQUIRED OF ALL GRADU	TE STUDENTS.			
	O CREDIT 25477 LECT U		T11 151	EEB	MERKELO
	25477 LECT 0	3	14 151	E E D	TERRELU
E F	414 ENGINEERING APPL	CATIONS OF LINEA	R GRAPHS.		
	SAME AS C. S. 414 PREREQUISITE: E. F. 4	6. MATH. 315 OR	318.		
	1 UNII			5 5 0	HAVEOA
	25485 DISC E	1 1	I W F 335	E E B	MATEUA
E E	415 CONTROL SYSTEM TH	HEORY AND DESIGN.			
	PREREQUISITE: E. E. 31	36 OR EQUIVALENT,	OR CONSENT O	F INSTRUCTOR.	
	25493 DISC F	2 M	W F 335	E E B	KUO
E E	PREREQUISITE: E. E. 3	RKS AND SYSTEMS.	ISTRATION IN	MATH. 346	
	OR 348. 1 UNIT				
	25507 DISC B 25515 DISC G	9 M	W F 335	E E B	WAX
	25515 DISC G	3 M	W F 141	E E B	YEH
E E	420 ELECTROMAGNETIC	AAVES AND RADIATI	NG SYSTEMS.		
	PREREQUISITE: E. F. 3	2.			
	1 UNIT 25523 DISC C 25531 DISC D	10 M	W F 335	E E B E E B	LEE
	25531 DISC D	11 M	W F 141	E E B	AKITT
E F	421 ADVANCED ELECTROP	AGNETIC ENGINEER	ING.		
	PREREQUISITE: E. E. 4:	0.			
	1 UNIT 25540 DISC N	1030-12	TU TH 335	E E 8	DESCHAMPS
E E	PREREQUISITE: PHYCS.		OP FOILTVALEN	r	
	1 UNIT				
	25558 DISC G	3 M	W F 335	t t B	VERDEYEN & CHERRINGTON
E E	434 RANDOM PROCESSES PREREQUISITE: MATH. 36	AND LINEAR FILTE	RING.		
	1 UNIT				
	25566 DISC P	10 30 - 12	TU TH 254	E E B	HADDAD
E E	435 THEORY OF SEMICON	DUCTORS AND SEMI	CONDUCTOR DEV	ICES.	
	SAME AS PHYCS. 43 PREREQUISITE: SENIOR I	7 .			
	PHYSICS.				
	1 UNTT 25574 LECT R	1-220	TU TH 137	P B	HANDLER

PRINCIPLES OF MICPOWAVE MEASUREMENTS. PREREQUISITE: E. E. 355 AND E. E. 356. 1 UNIT 8 TU TH 254 E E B DYSON 9-12 TH 251 E E B DYSON 25582 LAB-DISC 1 1 9 ADVANCED THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.
PREREQUISITE: E. E. 435 OR PHYSC. 435. E E 1 UNIT 25591 OISC 2-320 TU TH 335 E E B SAH POWER SYSTEM STABILITY. PREREQUISITE: E. F. 440. 1 UNIT 25604 DISC ARR HELM E F TIME-VARYING AND NONLINEAR CIRCUITS.
PREREQUISITE: E. F. 416 AND MATH. 346. 1 UNIT 25612 9-1020 TU TH 170 E E B TRICK 453 OPTIMUM CONTROL SYSTEMS. FF PREREQUISITE: E. E. 415. 1 UNIT 25621 DISC 11 M W F 335 E E B PERKINS 456 CODING THEORY.

SAME AS C. S. 456.

PREREQUISITE: MATH. 317 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR. FF 1 UNIT | 1 UNIT | 5639 915C S 2-32C TU TH 254 E E B CHIEN 25639 5 TOPICS IN AUTOMATA THEOMY.
SAME AS C. S. AND MATH. 465.
PREREPUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR. F E 465 1 UNIT 25647 LECT-DISC DI 1.1 M W F 247 A H MULLER E E 72 QUANTUM ELECTRONICS. PREREQUISITE: PHYCS. 381. 1 UNIT 655 DISC P 1-220 TU TH 25555 26C F F B GADDY E E 482 THEORY OF DIGITAL COMPUTER APITHMETIC. SAME AS C. S. 482.

PREREQUISITE: C. S. OR E. E. 394. 1 UNIT 25663 LECT-DISC P 1030-12 TU TH 161 E E 8 485 ADVANCED THEORY OF MAGNETIC AND OPTIC COMPUTER MEMORY DEVICES. SAME AS C. S. 488.
PREREQUISITE: C. S. OR E. E. 385. 1 UNIT 25671 LECT-DISC M 830-10 TU TH 161 E E B FAIMAN 486 CONSTITUTION OF THE ICNOSPHERE: AN INTRODUCTION TO AFRONOMY. SAME AS ASTR. 486.

PREREQUISITE: GRADUATE STANDING IN ELECTRICAL ENGINEERING, PHYSICS, OR ASTRONAMY, MATH. 341 OR EQUIVALENT.

M W E 57 F F B

SOWHILL

1 UNIT 25680

1150

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SEMINAR IN SPECIAL TOPICS.
FF
         PREREQUISITE: ADVANCED STANDING AND CONSENT OF INSTRUCTOR.
          0 TJ 1/2 UNIT
          SECTION A IS AERONIMY.
          SECTION B IS ANTENNAS.
          SECTION C IS BIOLOGICAL COMPUTERS.
          SECTION D IS BIOACOUSTICS.
          SECTION E IS CHARGED PARTICLES.
          SECTION F IS OPTICAL ELECTRONICS.
          SECTION G IS ELECTRO-PHYSICS.
          SECTION H IS GASEOUS ELECTRONICS AND PLASMAS. SECTION I IS IGNOSPHERICS.
          SECTION J IS RADIO ASTRONOMY.
SECTION K IS SEMICONDUCTORS AND SCLID STATE DEVICES.
          SECTION L IS INFORMATION SCIENCE.
          SECTION M IS COGNATIVE MEMORY.
          SECTION N IS CONTROL AND OPTIMIZATION. SECTION O IS SPEECH PROCESSING.
          SECTION P IS COMPUTER-GUIDED EXPERIMENTATION.
          SECTION Q IS CONTROL SYSTEMS.
               LECT
                                                                                  SECHRIST
        25598
                             Δ
                                                 TU
                                                           269 E E B
       25701
                   LECT
                              В
                                     ARR
                                                                                  DESCHAMPS-
                                                                                  MITTRA
                  LECT
                                     ARR
                                                                                   VON FOERSTER
       25710
                               C.
       25728
                  LECT
                               n
                                     ARR
                                                                                  DUNN-ERY
                  LECT
                                                                                   HENDR ICKS
        25736
                               F
                                     ARR
       25744
                  LECT
                               F
                                     ARR
                                                                                  GADDY-
                                                                                  HOL SHOUSER
                                                                                   COLEMAN
        25752
                   LECT
                               G
                                     ARR
                                   ARR
       25761
                 LECT
                                                                                   GOLDSTEIN-
                                                                                   MERKEL O-
                                                                                   VERDEYEN-
                                                                                  CHERRINGTON
       25779
                  LECT
                                    AKR
                               1
                                                                                   YEH
       25787
                                     ARR
                                                                                   SWENSON
                  1 FCT
                               J
                                     ARR
                                                                                  BARDEEN-SAH-
       25795
                  LECT
                               10
                                                                                  HOLONYAK
       25809
                  LECT
                                     ARR
                                                                                   CHIEN
                                                                                   VON FOERSTER-
       25817
                  LECT
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                                     ARR
                                                                                   CHIEN
                  LECT
                               N
                                     ARR
                                                                                   KOKOTOVIC-
                                                                                   CRUZ-PERKINS
       25833
                  LECT
                               0
                                     ARR
                                                                                   BABCOCK
       25841
                   LECT
                               Р
                                     ARR
                                                                                  NEAL
       25850
                  LECT
                               Q
                                     ARR
                                                                                  KUN
     497
              ELECTRICAL ENGINEERING PROBLEMS.
FF
         PREKEQUISITE: CONSENT OF INSTRUCTOR.
         TIPU I CT 6
         *SECTION OF ULTRASONIC TECHNIQUES FOR 1 UNIT CREDIT.
          *SECTION 41 INTRODUCTION TO COHERENT OPTICS AND HOLOGRAPHY
         FOR 1 UNIT CREDIT.
       25868
                 DISC
                               A1
                                                 M W F
                                                             335 E E B
       25914
                   DISC
                              *D1
                                       11
                                                             170
                                                                  E E B
                                                                                  DUNN-O'BRIEN
                                      830-10
                                                 TU TH
        25922
                   21 SC
                              *M1
                                                             335
                                                                  EEB
                                                                                 MITTRA
                                       10-1120
       25876
                              N 1
                                                             257
                   DISC
                                                  TU TH
                                                                  FFR
       25884
                   DISC
                              X 1
                                       12
                                                 M W F
                                                             335
                                                                  FFB
                                      130-3
       25892
                   D1 SC
                              S 1
                                                             257
                                                                 EEB
                                                 M W E
       25906
                   DISC
                              Н1
                                        4
                                                             335
E E
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PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS 5931 CONF

25931 ARR

THESIS RESEARCH. O TO 4 UNITS

F E

25949 CONE ARR STAFF

STAFF

DEPARTMENT DEFICE

306 EDUC

WESTON

#### COURSES FOR UNDERGRADUATES

UNDERGRADUATE OPEN SEMINAR. EL ED 199

\*MAY BE REPEATED.

\*LECT-DISC. 1 IS CONCERNED WITH ELEMENTARY SCHOOL TEACHING AND IS
RELATED TO A SATURDAY SCHOOL PROJECT.

957 LECT-DISC \* 7-9PM M

25957

#### COURSES FOR ADVANCED UNDERGRADUATES

PRINCIPLES, PROBLEMS AND ISSUES IN ELEMENTARY EDUCATION. PREREQUISITE: MUST BE TAKEN CONCURRENTLY WITH ED. PR. 232.

3 HOURS OPEN ONLY TO STUDENT TEACHERS. NOTE: FIRST MEETING FOR ALL

SECTIONS	IN ROOM 2	EDUCATION	BUILDING.			
25965	LECT-DISC	1	7-10 PM	TH	2	EDUC
25973	LECT-DISC	2	7-1 OPM	TH	1	EDUC
25981	LECT-DISC	3	7-10PM	TH	6	COM W
25990	LECT-DISC	4	7-10 PM	TH	8	COM W
26006	LECT-DISC	5	7-10PM	TH	11	COM W
26014	LECT-DISC	6	7-10PM	TH	2.0	COM W
26022	LECT-DISC	7	7-10PM	TH	24	COM W
26031	LECT-DISC	8	7-10PM	TH	91	COM W
26049	LECT-DISC	9	7-10 PM	TH	94	COM W
26057	LECT-DISC	10	7-10PM	TH	96	COM W
26965	LECT-DISC	11	7-10PM	TH	120	COM W
26073	LECT-DISC	12	7-10PM	TH	28	COM W

CLASSROOM PROGRAMS IN CHILDHEOD EDUCATION.

PREREQUISITE: JUNIOR STANDING, ED. PSY. 236.

2 HOURS

26081	LECT-DISC	T	3~5	TH	192	EDUC	MATHENY
26090	LECT-DISC	T 1	3-5	TU	382	EDUC	MATHENY

TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL. EL ED 235

3 HOURS.

\*SECTIONS M AND MI WILL NOT MEET DURING FIGHT-WEEK ELEMENTARY
SCHOOL STUDENT TEACHING PERIOD.
\*ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION STUDENTS
ENROLL ONLY IN SECTIONS R AND M. STUDENTS IN OTHER CURRICULA ENROLL
ONLY IN SECTIONS RI AND MI.

26120	LECT-DISC	R	1	TH	389	EDUC	RODGERS
		R	1 ~3	TU	389	E DU C	
26138	LECT-DISC	R1	1-3	TU	389	E DUC	RODGERS
		R1	1	TH	389	EDUC	
26103	LECT-DISC	* M	9-11	TU TH	2	EDUC	MCGILL
		*M	3-5	W	2	EDUC	
26111	LECT-DISC	*M1	3-5	W	2	EDUC	MCGILL
		*M1	9-11	TU TH	2	E DU C	

THEORY AND PROCESS IN ELEMENTARY SCHOOL TEACHING. FI FD 237

PREREQUISITE: ED. PSY. 236.

5 HOURS

THE PRACTICE SESSIONS ARE ONLY FOR THE SIX-WEEKS OBSERVATION PERIOD IN LOCAL SCHOOLS WHEN ALL SECTIONS WILL MEET 9-12 MTUWTHF. STUDENTS SHOULD ENROLL IN ONE LAB-PRACTICE-LECTURE COMBINATION. BECAUSE OF PLACEMENTS FOR THIS COURSE, ONLY STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION SHOULD ENROLL IN THESE SECTIONS. ALL EARLY CHILDHOOD CURRICULUM STUDENTS MUST ENROLL IN LECT. 2 AND LAB DI COMBINATION. ALL ELEMENTARY EDUCATION STUDENTS MUST ENROLL IN LECTURE 1-LAB AI COMBINATION.

LAB A1 8-10 TU M WTHF TU THF 26146 ARR PRACT A1 9 ARR A1 10-12

LECT 1 10-12 2 EDUC

Ef ED	237 CONT	INUED						
	26154	LAB	A2	8-10	TH	385	E DUC	
		PRACT	A 2 A 2	9 10-12	MTUW F TU THE	ARR		
		LECT	1	10-12	M W	2 AKK	EDUC	EASLEY
	26162	LAB	B1	8-10	TU	389	EDUC	EASECT
		PRACT	81	9	M WTHE	ARR		
			81	10-12	TU THE	ARR		
		LECT	1	10-12	м ы	2	EDUC	EASLEY
	26171	LAB PRACT	B 2 B 2	8-10 10-12	TH TU THE	389 ARR	EDUC	
		PRACI	82	9	MTUW F	ARR		
		LECT	1	10-12	M W	2	EDUC	EASLEY
	26189	LAB	C 1	10-12	TU	33	EDUC	
		PRACT	C 1	9	MIUWTHE	ARR		
		LECT	C1	10-12	THE	ARR 2	EDUC	545154
	26197	LAB	C 2	10-12 10-12	M W TH	382	EDUC	EASLEY
	20171	PRACT	C2	9	MTUWTHE	ARR	LUGC	
			C 2	10-12	TU F	ARR		
		LECT	1	10-12	M W	2	EDUC	EASLEY
	26201	LAB	*D1	10-12	F	328	DKH	
		PRACT	*D1 *D1	9 10-12	MTUWTHF TU TH	ARR		
		LECT	*U1 *2	10-12	M W	328	DKH	WEIR
	26219	LA8	*D2	8-10	F	328	DKH	MCIK
		PRACT	*D2	9	MTUWTH	ARR		
			*D2	10-12	TU THE	ARR		
		LECT	*2	10-12	ч ы	328	DKH	WEIR
EL ED	PREREQU 3 HOURS	ME AS SPCH. ISITE: SPCH	· 248 · · 388		HE SCHOOLS.			
	26227	LECT-DISC	C	10-12 3-5	TU TH TH		SP CLINIC	JOHNSON
				5-7	111	100	37 CLINIC	JUHNSUN
FL ED	PREREQU	VERAGE, CON	ER CLASS				ASS IN GRADE HO SUPERVISES	STAFF
	20233	COM		MDD				31411
EL ED		ESIS.						
	2 HOURS		ICIR STAN					
	26243	CONF		ARR				STAFF
		COURSE	S FOR A	ADVANCED UN	DERGRADUATE	S AND	GRADUATES	
EL ED	PRERFQU		4. 202 A	ND 203 OR	EMENTARY MA EQUIVALENT.		ICS EDUCATION.	
	*SFC 110	N AL IS FOR ON STUDENTS	R ELEMEN	ITARY EDUCA	TION AND EA		ILDHOOD A ENROLL IN	
	26251	LECT-DISC		4-6	TU	125	DKH	LERCH
	26260	LECT-DISC	*A2	4-6	ŦU	125	DKH	LERCH
EL ED		E TEACHING ISITE: EL.			IN THE ELEM	IENTARY	SCHOOL.	
	3 HOURS SELTION	, DR 1/2 TO S Al, A2, O	1 UNIT	OPEN ONLY	TO STUDENT		RS AND UDENT TEACHING	
	SECTION EIGHT-W AND EAR Al, A2,	EEK ELEMENT LY CHILDHOO C. F AND Y	TARY SCH DD EDUCA 7. STUD	IOOL STUDEN ITIUN STUDE DENTS IN OT	NIS MUST EN HER CURRICU	ELEME ROLL O LA MUS	NTARY EDUCATION NLY IN SECTIONS T ENROLL ONLY	
	IN SECT	IONS A3, A4 IN SECTION	*, tl, F	I. AND YI.	GRADUATE	2 LADE N	12 2HD0 FD	
	26286 26324	LECT-DISC	*A1	8-10 8-10	M W F		D K H D K H	MOORE

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CONTINUED
EL ED 333
                  LECT-DISC *A2
         26294
                                                8-10
                                                         M W F
                                                                         150 ARMORY
                                                                                                   EVERTIS
                                               8-10 M W F
10-12 M W F
10-12 M W F
1-3 M W F
                      LECT-DISC *A4
LECT-DISC *C
                                                                          150
                                                                                ARMORY
         26332
                                                                                                    EVERTIS
         26308
                                                                           36
                                                                                COM W
                                                                                                    SHEPHERD
                                                                                COM W
                       LECT-DISC *C1
         26341
                                                                           36
                                                                                                    SHEPHERD
                                                 1-3
         26316
                       LECT-DISC *F
                                                                           21
                                                                                DKH
                                                                                                    SHEPHERD
                       LECT-DISC *F1
LECT-DISC *Y
                                                                  E
         26359
                                                            M.
                                                                           21
                                                                                DKH
                                                                                                    SHEPHERD
                                                 7-9PM
         26278
                                                            TU
                                                                           36
                                                                                COM W
                                                                                                    EVERTTS
                       LECT-DISC *YI
         26367
                                                7-9PM
                                                            TH
                                                                           36
                                                                                COM W
                                                                                                    EVERTTS
EL ED 334
               PRINCIPLES AND PRACTICES IN EARLY CHILDHOOD EDUCATION.
           PREREQUISITE: EL. ED. 237.
3 HOURS, OR 1/2 OR 1 UNIT
            *UNDERGRADUATE STUDENTS IN EARLY CHILDHOOD EDUCATION MUST ENROLL IN
            SECTION G1. OTHER UNDERGRADUATES MUST ENROLL IN SECTION G2.
            GRADUATE STUDENTS SHOULD ENROLL IN SECTION U.
         26383
                  LECT-DISC *G1 3 M W F
LECT-DISC *G2 3 M W F
                                                                                                    WETR
                                                                                FOILC
                                                                              EDUC
                                                                                                    WEIR
         26375
                      LECT-DISC U
                                                4-6
                                                           TU
                                                                         150 ARMORY
                                                                                                   KAT7
           SCIENCE IN THE ELEMENTARY SCHOOL.
PREREQUISITE: EL. ED. 237, OR EQUIVALENT; TWO YEARS OF COLLEGE
EL ED 335
           SCIENCE .
           3 HOURS OR 1/2 UNIT
*LECT-LAB A1 OPEN ONLY TO STUDENTS IN ELEMENTARY EDUCATION AND
           EARLY CHILDHOOD EDUCATION CURRICULA. LECT-LAB A2 OPEN TO STUDENTS
IN CURRICULA OTHER THAN ELEMENTARY EDUCATION AND EARLY CHILDHOOD
            EDUCATION.
            LABORATORY WILL BE OPEN DAILY.
                                                    SEE SCHEDULE AT LAB.
                                                                                 FXTRA LAB
           HOURS REQUIRED OF ALL SECTIONS. *LECTURE B AND LAB B WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY
           SCHOOL STUDENT TEACHING PERIOD AND ARE FOR STUDENT TEACHERS ONLY.
                      LECT *A1
                                                1-3 M
                                                                           4G EDUC
                                                                                                    WELLER
                                             ARR
                       1 AB
                                    *A1
                                                                            4G EDUC
         26421
                       LECT
                                  *A2 1 *A2 ARR *B 1 *B ARR
                                   *A2
                                                1-3
                                                                            4G FOUL
                                                                                                    WELLER
                                                                            46 FDUC
                       1 AB
                      LECT
         26405
                                                 1-3
                                                           TU
                                                                                                    ATKIN
                                                                            4G FDUC
                                                                            4G FDUC
                       LAB
                 FUNDAMENTALS OF READING TECHNIQUES.
EL ED 336
           SAME AS SE. ED. 336.
PREREQUISITE: JUNIOR STANDING; REGISTRATION IN A TEACHER
           EDUCATION CURRICULUM.
            3 HOURS, OR 1/2 OR 1 UNIT
           *SECTIONS A, AI, C, CI, C2, C3, E, AND E1 WILL NOT MEET DURING
EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TRACHING PERIOD. SECTIONS X,
Y, AND Z WILL NOT MEET DURING SIX-WEEK JUNIOR AND SENIOR HIGH
           SCHOOL STUDENT TEACHING PERIOD. SECTIONS A, C, C2, C4, E, AND F ARE ONLY FOR STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD
           ONLY FOR STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION CURRICULA, SECTIONS C6 AND F2 ARE ONLY FOR SPECIAL EDUCATION STUDENTS, STUDENTS IN OTHER CURRICULA ENROLL IN SECTIONS A1, C, C3, C5, C7, E1, F1, OR F3.
464 LECT-DISC *A 8-10 M F 1 EDUC
         26464
                                                                                                    STOLL
         26545
                                                                                                    STOLL
                       LECT-DISC *C
                                                              W F
                                                                          166 EDUC
         26472
                                               10-12
                                                          M
                                                                                                    DURKIN
                       LECT-DISC *C1
                                               10-12
                                                           M
                                                                   E
                                                                          166
                                                                                EDUC
                                                                                                    DURKIN
         26481
                       LECT-DISC *C2
                                               10-12
                                                          M
                                                                  F
                                                                                EDUC
                                                                                                    BENNETT
                                                                   F
         26561
                       LECT-DISC *C3
                                                10-12
                                                           M
                                                                          192
                                                                                EDUC
                                                                                                    BENNETT
         26499
                       LECT-DISC *C4
                                                           H
                                                                   E
                                                                                EDUC
                                               1.0
                                                                          25
                                                                                                    BHOLOWIAK
         26570
                       LECT-DISC *C5
                                                           М
                                                                   F
                                                                           25
                                               10
                                                                                EDUC
                                                                                                    BHOLOWIAK
         26502
                      LECT-DISC *C6
                                                           M
                                                                                EDUC
                                                                                                    BHOLOWIAK
                      LECT-DISC *C7
LECT-DISC *E
         26588
                                               10
                                                                          25
                                                                                EDUC
                                                                                                    BHOLOWIAK
                                                                                                    STOLL
                                                1-3
                                                                           36
                                                                                COM W
                      LECT-DISC *E1
LECT-DISC *F
                                                         M
                                                                                COM W
         26596
                                                1-3
                                                                           36
                                                                                                   STOLL
         26529
                                                          M
                                                                   E
                                                                                EDUC
                                                                                                   BHOLOWIAK
         26600
                      LECT-DISC *F1
                                                          M
                                                                                F DUC
                                                                                                   BHOLOWIAK
                                                                            1
         26537
                      LECT-DISC *E2
                                                           М
                                                                  E
                                                               W
                                                                            1
                                                                                FDUC
                                                                                                   SHOLOW LAK
                                                          M W F 1 EDUC
MTUWTHF 166 EDUC
MTUWTHF 125 D K H
M W 15 D K H
                                    *F3
         26618
                       LECT-DISC
                                                                                                   BHOLOWIAK
                                                8
                      LECT-DISC *X
         26430
                                                                                                   WALKER
         26448
                      LECT-DISC *Y
                                                1
                                                                                                   WALKER
         26 456
                      LECT-DISC *Z
                                                                                                   KUENKE
                                                                               DKH
                                                                                                  KOENKE
                                    ±7
                                                                          1.5
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PREREQUISITE: JUNIOR STANDING.
3 HJURS OR 1/2 UNIT
                                  *SECTIONS A AND A1 WILL NOT MEET DURING EIGHT WEEK ELEMENTARY
                                 SCHOOL STUDENT TEACHING PERIOD.
*SECTIONS A, C, F1, E3 AND F ARE FOR ONLY STUDENTS IN ELEMENTARY
EDUCATION AND EARLY CHILDHOOD EDUCATION CURRICULA. SECTIONS C3, E5,
                                 AND F2 ARE FOR STUDENTS IN ART EDUCATION ONLY. STUDENTS MHO ENROLL IN SECTION F OR F1 MUST ALSO ENROLL IN ART 203 SECTION D. SECTIONS A1, C1, E2, E4, F1, C4, E6, AND F3 ARE FOR STUDENTS IN CURRICULA THEN THAN THOSE MENTICHED ABOVE.
                                                  LECT-DISC *A
LECT-DISC *A1
                          26664
                                                                                                                                       8
                                                                                                                                                                          MILIWINE
                                                                                                                                                                                                                   245
                                                                                                                                                                                                                                   COM W
                                                                                                                                                                                                                                                                                           LANSING
                                                                                                                                                                                                                   245 COM W
                                                              LECT-DISC *A1
LECT-DISC *C
LECT-DISC *C
LECT-DISC *C1
LECT-DISC *E1
LECT-DISC *E2
LECT-DISC *E3
LECT-DISC *E4
LECT-DISC *F
LECT-DISC *F
LECT-DISC *C3
LECT-DISC *C3
LECT-DISC *C4
LECT-DISC *E5
LECT-DISC *F
LECT-DIS
                                                                                                                                                                          MIUWIHE
                                                                                                                                            А
                                                                                                                                                                                                                                                                                            LANSING
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207 F A B
107 F A B
107 F A B
15 D K H
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M W F 207 F A B
M W F 15 D K H
M W F 15 D K B

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                          26642
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EL ED 339 CORRECTIVE READING.
                                                   SAME AS EDPSY. 339.
                                 PREREQUISITE: EL. ED. 336 OR 338.
                                  3 HOURS OR 1 UNIT
                                 MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR.
                                                    LECT-DISC U 4-6 TU 10 EDUC
LECT-DISC H 4-6 W 10 EDUC
                                                                                                                                                                                                                                                                       BENNETT
                          26782
                          26791
                                 AUDID-VISUAL COMMUNICATION.
SAME AS LIB. S. AND SE. ED. 354
PREREQUISITE: SENIOR OR GRADUATE STANDING.
Ft ED 354
                                 S HOURS, OR 1/2 OR 1 UNIT
STUDENT MUST ENROLL IN LECT-DISC AND EITHER LAB A OR B.
                                                                                                               4-6 TU 1 EDUC
4-6 W 25 EDUC
4-6 TH 28 EDUC
                                                                                                                                                                                                                                                                       I SAACS
I SAACS
                          26804 LECT-DISC
                          26812
                                                               LAB
LAB
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                          26821
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                                                                                                                         COURSES FOR GRADUATES
EL ED 431
                                                  ELEMENTARY SCHOOL CLASSRUOM PROGRAMS.
                              1 UNIT
                                                               LECT-DISC
                          26839
                                                                                                                                         7-9PM M
                                                                                                                                                                                   192 EDUC
                                                                                                                                                                                                                                                                                        RODGERS
EL FD 432
                                                 CLINICAL DIAGNOSIS AND REMEDIATION IN READING.
                                 PREREQUISITE: EL. ED. 339 AND A COURSE IN INDIVIDUAL
                                 MENTAL TESTING.
                                  *MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
                                 *1 UNIT
MUST REGISTER IN ADVANCE WITH CLINIC DIRECTOR.
TH 10 EDUC
                          26847
                                                                                                                                                                                                                                                                                        KOENKE
EL ED 433
                                                  CURRICULUM PROBLEMS AND TRENDS IN SPECIAL FIELDS OF ELEMENTARY
                                                   EDUCATION .
                                 PREREQUISITE: FOR ALL SECTIONS, EL. ED. 431 OR 434 OR CONSENT OF
                                PREREQUISITE: FOR ALL SECTIONS, EL. ED. 431 OR 434 OR CONSENT OF INSTRUCTOR; LANGUAGE APTS SECTIONS, EL. ED. 333 AND 336 OR A COURSE IN THE TEACHING OF READING OR LANGUAGE APTS, OR CONSENT OF INSTRUCTOR; CREATIVE ARTS SECTION, EL. ED. 337 OR CONSENT OF INSTRUCTOR; SCIENCE SECTION, EL. ED. 335 OR A METHODS COURSE IN TEACHING SCIENCE IN THE ELEMENTARY SCHOOL AND TWO YEARS OF COLLEGE SCIENCE, UR CONSENT OF INSTRUCTOR; READING SECTION, EL. ED. 336 OR COURSE IN TEACHING OF READING, OR CONSENT OF INSTRUCTOR; EARLY CHILDHOOD SECTION, EL. ED. 434, OR CONSENT OF INSTRUCTOR.
                                  1 UNIT
                                 *SECTION A IS FOR LANGUAGE ARTS. SECTION B IS FOR SOCIAL STUDIES. 
*SECTION E IS FOR CREATIVE ARTS. SECTION F IS FOR READING.
                                 SECTION H IS FOR TRACHER EDUCATION.
                                                 LECT-DISC *A 4-6
LECT-DISC *B 7-9PM
                                                                                                                                                                                                                                   EDUC
                           26355
                                                                                                                                                                                                                    382
                                                                                                                                                                                                                                                                                           MODRE
                         20871 LECT-01SC *E 7-9PM W
26880 LECT-01SC *F 10-12
26888 LECT-01SC *H 10-12 W
                                                                                                                                                                                                                 162 EDUC
207 F A B
382 EDUC
                                                                                                                                                                                                                                                                                         MCGILL
                                                                                                                                                                                                                                                                                           ZERNICH
                                                                                                                                                                                                                                                                                           DURKIN
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EL ED 337 ART EDUCATION IN THE ELEMENTARY SCHOOL.

33 EDUC

MANOLAKES

PROGRAMS IN EARLY CHILDHOOD EDUCATION. EL ED 434 PR 1 UNIT 26901 LECT-DISC 430-630 DIAGNOSIS AND CORRECTION IN ELEMENTARY MATHEMATICS. FI FD 435 PREREQUISITE: EL. ED. 332; EDPSY. 392; OR EQUIVALENT. \*STUDENTS MAY ACCUMULATE 2 UNITS. \*1 UNIT 154 ARMORY LERCH 26910 LECT-DISC METHODS OF CHILD STUDY. EL ED 437 PREREQUISITE: ED. PSY. 312 OR CONSENT OF INSTRUCTOR. I UNIT 26928 166 EDUC LAVATELLI LECT-DISC A 4-6 TII EL ED 439 FUNDAMENTALS OF CURRICULUM DEVELOPMENT. 1 UNIT 26936 LECT-DISC 7-9PM TU 166 EDUC SHORES 9 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE EL ED 449 DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT. \*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS. \*1/2 OR 1 UNIT 26944 CONF STAFE WORKSHOP IN CURRICULUM DEVELOPMENT. EL ED 459 1 TO 2 UNITS

\*SECTION G IS FOR RESEARCH AND DESIGN IN CURRICULUM DEVELOPMENT.

THIS WORKSHOP IS DESIGNED ESPECIALLY FOR ADVANCED GRADUATE STUDENTS IN EDUCATION INCLUDING CURRICULUM SPECIALISTS, SUPER-VISORS, AND PRINCIPALS. \*SECTION H IS FOR TEACHER-PARENT RELATIONS. IT IS DESIGNED TO REFINE TEACHER'S SKILLS IN RELATING TO PARENTS AND STUDYING NEW TRENDS ON INVOLVING PARENTS IN THE SCHOOL SETTING. \*SECTION L IS FOR CHILDREN'S LITERATURE. \*SECTION M IS FOR OPEN PRIMARY EDUCATION. \*SECTION O IS FOR CREATIVE WRITING. \*\*SECTION 11 15 FOR CREATIVE WRITING
26979 LECT-DISC \*6 10-12
26952 LECT-DISC \*H 7-9P
26987 LECT-DISC \*L 7-9P
26995 LECT-DISC \*M 7-9P
26995 LECT-DISC \*O 7-9P LERCH-DENNY KATZ EVERTTS SPODEK MOORE

EL ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.

OPEN ONLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION
FOR THE DEGREES OF PH.D. OR ED.D.

1 TO 2 UNITS

\*SECTION C IS FOR RESEARCH METHODS IN CHILD DEVELOPMENT.

\*SECTION C IS FOR RESEARCH METHODS IN CHILD DEVELOPMENT.

\*SECTION U IS FOR EARLY CHILDHOOD EDUCATION.
27001 LECT-DISC \*C 10-12 M 33 EDUC LAVATELLI
27010 LECT-DISC \*U 4-6 TH 33 EDUC SPODEK

EL ED 491 FIELD STUDY AND THESIS SEMINAR.

LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.

1 TO 2 UNITS

27028 CONF ARR STAFF

EL ED 499 THESIS RESEARCH.

0 TO 4 UNITS
27036 CONF ARR STAFF

#### ENGINEERING

DEPARTMENT OFFICE

101 E H

OPPERMAN

#### COURSES FUR UNDERGRADUATES

COOPERATIVE ENGINEERING EDUCATION SEMINAR.
PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM. ENG O CREDIT

LECT-DISC 5 M 119 M M B 27044 OPPERMAN

102 COOPERATIVE ENGINEERING EDUCATION PRACTICE. ENG PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM.

O CREDIT 27052 PRACT

9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. 199 ENG ≠0 TO 9 HOURS CONF

27061

ENGINEERING HONDRS

DEPARTMENT OFFICE 101 E H

COURSES FOR UNDERGRADUATES

PREREQUISITE: FRESHMAN JAMES SCHOLAR. ENG H 196

2 HOURS

27079 LECT-DISC & 10-12 419 E H MUSTWAN TH

THE ENGINEER AND HIS PROFESSION.

PREREQUISITE: FRESHMAN JAMES SCHOLAR. 1 HOUR

27087 LECT-DISC & 3-430 M 235 M E B PIGAGE

ENG H 198 HONORS SEMINAR.

PREREQUISITE: HONORS STUDENT IN THE UNIVERSITY.

3 27095 C ONF ARR

COURSES FOR ADVANCED UNDERGRACUATES

302 T B 8222 C E B 302 T B 121 AGR ENG LECT-DISC \*&E 27109 11 PEARSON LECT-DISC \*&M
LECT-DISC \*&P
LECT-DISC \*&Y 27117 3-430 TU TH MUR THA 27125 11 1-3 TU PLECK 27133 TU YOERGER

# ENGLISH LITERATURE AND AMERICAN LITERATURE DEPARTMENT OFFICE 100 E B

MAJAR: A CUURSE IN SHAKESPEARE AND THENTY ADDITIONAL HOURS IN ENGLISH, EXCLUDING 101, 102, 103, 115, 116, 195, 196, AND RHETORIC 101, 102, 107, 108, 202, 251, 271, 272. OF THESE THENTY ADDITIONAL HOURS, SEVENTEEN MUST BE TAKEN IN ENGLISH OR AMERICAN LITERATURE, INCLUDING THREE HOURS FROM EACH OF THE FCLLOWING GROUPS: (1) AMERICAN LITERATURE: ENGLISH 255, 256. (2) OR 336; (3) ENGLISH LITERATURE FROM 1616 TO 1800: ENGLISH 245, 342, 345, 346, 348, 08 349; (4) ENGLISH LITERATURE FROM 1800 TO THE PRESENT: ENGLISH 246, 263, 264, 281, 282, 283, OR 284.

PREREQUISITE TO THE ENGLISH MAJOR IS SIX SEMESTER HOURS OF INTRODUCTORY LITERATUPE: ENGLISH 101 AND EITHER 102 OR 103, OR ENGLISH 195 AND 196. IF NECESSARY THESE COURSES MAY BE TAKEN CONCURRENTLY WITH ADVANCED COURSES. ENGLISH MAJORS WHO INTEND TO TRACH IN SECONDARY SCHOOLS MUST SEE THE ADVISER ON SPECIAL CURRICULA. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE SCHOOL SHOULD SPRAKIMENT HE WISHES TO ENTER.

MINORS: AN APPROVED SEQUENCE OF TWENTY HOURS IN CHE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPEECH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ARCHITECTURE, HISTORY OF ARCHITECTURE, HISTORY OF ARCHITECTURE, WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR, WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES UNLESS APPROVED BY THE ADVISOR WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THEIR DEPARTMENTS EXCEPT FRENCH 103, 104, GERMAN 103, 104, LATIN 101, 102, 103, PORTUGUESE 103, 104, FUSSIAN 103, 104, AND SPANISH 103, 104; THE ACCEPTED SUBSTITUTES FOR FRENCH 104, GERMAN 104, AND SPANISH 104 MAY BE USED. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED.

ENGLISH MAJORS WHO INTEND TO TEACH IN SECONDARY SCHOOLS MUST SEE THE ADVISER ON SPECIAL CURRICULA. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: THE ENGLISH DEPARTMENT OFFERS FIVE SPECIAL COURSES (197, 295, 296, 297, 298) WHICH CONSTITUTE THE HONORS PPOGRAM. A FULL DESCRIPTION OF THIS PROGRAM MAY BE OBTAINED FROM THE DEPARTMENTAL OFFICES, THE DEPARTMENTAL DIRECTOP OF HONORS, OR FROM ANY MAJOR ADVISOR. A STUDENT MAJORING IN ENGLISH WHO MEFTS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR BETTER) MAY EARN DISTINCTION ONLY BY SUCCESSFULLY COMPLETING ENGLISH 297, 298, AND ANY TWO OF THE OTHER THREE (197, 295, 296) HONORS SEMINARS IN ADDITION TO THE OTHER REMAINING REGULAR REQUIREMENTS FOR HIS MAJOR. A STUDENT ENROLLED IN THE TEACHER EDUCATION CURRICULUM MAY EARN DISTINCTION BY SUBSTITUTING ENGLISH 197 FOR ENGLISH 297 AND BY TAKING ENGLISH 298 DURING WHICHEVER SEMESTER OF HIS SENIOR YEAR HE IS ON CAMPUS THE FULL TIME.

THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE HONDRS COMMITTEE, THE INSTRUCTORS IN THE HONDRS SEMINARS, THE ENGLISH 298 TUTOR, AND SUCH OTHER FACULTY MEMBERS AS MAY BE ASKED TO READ THE HONDRS ESSAY. TO RECEIVE HIGHEST DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE POINT AVERAGE OF 4.75 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGH DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.5. IF, IN THE OPINION OF THOSE DESIGNATED TO DETERMINE THESE MATTERS, A CANDIDATE FAILS TO EARN ANY KIND OF DISTINCTION, HE WILL STILL RECEIVE CREDIT FOR THE HONDRS COURSES HE HAS TAKEN.

# COURSES FOR UNDERGRADUATES

FNGL		RODUCTION 1	TO POE	TRY.			
	3 HOURS						
				NTARY EDUCAT			
	27141	LECT-DISC	A1	8	M W F	140	ADMIN
	27150	LECT-DISC	A2 B1	8	MWF	201	E B
	27168	LECT-DISC	82	9			ADMIN
	27176 27184	LECT-DISC	C1	10	M W F	147 252	ARMORY
	27192	LECT-DISC	C2	10	M W F	147	ARMORY
	27206	LECT-DISC	D1	11	MWF	142	ADMIN
	27214	LECT-DISC	X1	12	M W F	147	ARMORY
	27222	LECT-DISC	X2	12	M W F	312	DKH
	27231	LECT-DISC	É1	1	M W E	140	ADMIN
	27249	LECT-DISC	E2	i	MWE	142	ADMIN
	27257	LECT-DISC	F1	2	MWF	142	ADM IN
	27265	LFCT-DISC	F 2	2	M W F	252	ADMIN
	27273	LECT-DISC	G1	3	M W F	117	E B
	27281	LECT-DISC	G 2	3	M h E	201	E B
	27290	LECT-DISC	H1	4	M W F	201	E B
	27303	LECT-DISC	P1	1	TU TH	312	DKH
			P1	2	TH	312	DKH
	27362	LECT-DISC	*P2	1	TU TH	242	MEB
			*P2	2	TH	242	MEB
	27311	LECT-DISC	Р3	1	TU TH	252	MEB
			Р3	2	TH	252	MEB
	27320	LECT-DISC	R1	3	TU TH	144	BEV HALL
			R1	4	TU	144	BEV HALL
	27338	LECT-DISC	R2	3	TU TH	312	DKH
			R 2	4	TU	312	DKH
	27346	LECT-DISC	K	8	TU TH	310	DKR
			K	9	TU	310	DKH
	27354	LECT-DISC	N	11	TU TH	310	DKH
			N	12	TH	310	DKH
51101							
ENGL		RODUCTION	ro The	DRAMA.			
ENGL	3 HOURS				<b>.</b>	1/2	ADMIN
ENGL	3 HOURS 27371	LECT-DISC	Α1	В	M W F	142	ADMIN
ENGL	3 HOURS 27371 27389	LECT-DISC LECT-DISC	A 1 A 2	8	M W F	337	ARMORY
ENGL	3 HOURS 27371 27389 27397	LECT-DISC LECT-DISC LECT-DISC	A 1 A 2 A 3	₽ 3 8	M W F	337 310	ARMORY D K H
ENGL	3 HOURS 27371 27389 27397 27401	LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 P1	B 8 9	M W F M W F M W F	337 310 282	ARMORY D K H BEV HALL
ENGL	3 HOURS 27371 27389 27397 27401 27419	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 P1 C1	8 8 9	M W F M W F M W F	337 310 282 282	ARMORY D K H BEV HALL BEV HALL
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 P1 C1	8 8 9 10	M W F M W F M W F M W F	337 310 282 282 337	ARMORY D K H BEV HALL BEV HALL ARMORY
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427 27435	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1	H 3 8 9 1 0 10 11	M W F M W F M W F M W F M W F	337 310 282 282 337 312	ARMORY D K H BEV HALL BEV HALL ARMORY D K H
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427 274435 27443	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1	H 8 8 9 10 10 11 11 11	M W F M W F M W F M W F M W F	337 310 282 282 337 312 117	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427 27427 27435 27443 27451	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1 D2 X1	B 8 9 10 10 11 11	M W F F M W F F M W F F M W F F M W F F M W F F M W F F M W F M W F M W F	337 310 282 282 337 312 117	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B G H
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427 27435 27443 27451 27460	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1 D2 X1 X2	B 8 9 10 10 11 11 11 12 12	M W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W F M W W W W	337 310 282 282 337 312 117 1 282	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B G H BEV HALL
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427 27435 27443 27451 27460 27478	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1 D2 X1 X2 X3	B 8 9 10 10 11 11 12 12 12	M W F F M W W F F M W W F M W W F M W W F M W W F M W W F M W W W F M W W W F M W W W F M W W W W	337 310 282 282 337 312 117 1 282 333	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B G H BEV HALL ARMORY
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427 27435 27443 27451 27460 27478 27478	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1 D2 X1 X2 X3 E1	H 8 8 9 10 10 11 11 12 12 12 12 11	M W F F F F F F F F F F F F F F F F F F	337 310 282 282 337 312 117 1 282 333 282	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B G H BEV HALL ARMORY BEV HALL
FNGL	3 HOURS 27371 27389 27397 27401 27419 27427 27435 27443 27451 27460 27478 27486 27494	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	A1 A2 A3 R1 C1 C2 D1 D2 X1 X2 X3 E1 E2	B 8 8 9 10 10 11 11 12 12 12 11 1	M M M M M M M M M M M M M M M M M M M	337 310 282 282 337 312 117 1 282 333 282 108	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B G H BEV HALL ARMORY BEV HALL ARMORY E B
ENGL	a HOURS 27371 27389 27397 27401 27419 27427 27435 27443 27460 27478 27460 27478 27494 27508	LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1 D2 X1 X2 X3 E1	8 8 9 10 10 11 11 12 12 12 12 12 1 1 2 2	W W W W W W W W W W W W W W W W W W W	337 310 282 282 337 312 117 1 282 333 282 108 282	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B BEV HALL ARMORY BEV HALL ARMORY BEV HALL BEV HALL BEV HALL
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427 27435 27443 27451 27460 27478 27486 27494 27508 27508	LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1 D2 X1 X2 X3 E1 E2 F1 F2	B 8 8 9 10 10 11 11 12 12 12 12 12 12 2 2		337 310 282 282 337 312 117 1 282 333 282 108 282 259	ARMORY O K H BEV HALL BEV HALL ARMORY D K H E B G H BEV HALL ARMORY BEV HALL E B BEV HALL E B
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427 27435 27445 27460 27478 27486 27486 27494 27508 27516 27516	LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1 D2 X1 X2 X3 E1 E2 F1 F2 G1	B 8 8 9 1.0 10 11 11 12 12 12 12 1 1 2 2 2 3		337 310 282 282 337 312 117 1 282 333 282 108 282 259 223	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B BEV HALL ARMORY BEV HALL E B BEV HALL E B EV HALL
ENGL	3 HOURS 27371 27389 27397 27401 27419 27427 27435 27443 27451 27460 27478 27486 27494 27508 27508	LECT-DISC LECT-DISC	A1 A2 A3 P1 C1 C2 D1 D2 X1 X2 X3 E1 E2 F1 P1	B 8 8 9 1.0 10 11 11 12 12 12 12 12 12 1 1 2 2 3 3 1 1	M	337 310 282 282 2337 312 117 1 282 333 282 108 282 259 223 282	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B G H BEV HALL ARMORY BEV HALL E B BEV HALL E B BEV HALL
FNGL	3 HOURS 27371 27389 27397 27401 27419 27427 27435 27443 27451 27460 27478 27478 27486 27494 27508 27508 27508 27524 27532	LECT-DISC LECT-DISC	A1 A2 A3 F1 C1 C2 D1 D2 X1 X2 X3 E1 E2 F1 F2 G1 P1	B 8 8 9 10 10 11 11 12 12 12 12 12 12 2 3 1 1 2 2	M W F F F F F F F F F F F F F F F F F F	337 310 282 282 2337 312 117 1 282 333 282 108 282 259 223 282	ARMORY D K H BEV HALL BEV HALL ARMORY D K H E B BEV HALL ARMORY BEV HALL E B BEV HALL E B EV HALL
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                        1 INTRODUCTION TO SHAKESPEARE.
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OR DESIGNATION AS AN EDMUND J. JAMES SCHOLAR.
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	28236	CONF	F2	2	MWF	248 M E 8	FRAYNE
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	28317	LECT-DISC	X	12	M W F	142 ADMIN 223 E B	WHEELER NELSON
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	28252 28261	LECT-DISC	F G1	2	M W F M W F	223 E B 310 D K H	NELSON WALDOFF
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	28295	LECT-DISC	L1 L2	10	TU TH	142 ADMIN 142 ADMIN 137 ADMIN	PURAVS FRAYNE
			L2	10	TU	137 ADMIN	FRAYNE
ENGL	221 MEDI 3 HOURS	IEVAL LITER	ATURE.				
	28325	LECT-DISC	F	2	M W F	137 ADMIN	STILLWELL
ENGL	3 HOURS	KESPEARE, I					
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	28350	LECT-DISC	L P	1 2	TU TH	223 E B 223 E B	HINELY
ENGL	232 SHAP	CESPEARE, I	Ι.				
	3 HOURS 28368	LECT-DISC	В		M W F	310 D K H	WHEELER
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	28392	LECT-DISC	E1 E2	I I	M W F	137 ADMIN 105 H H	ALLEN KLEIN
	28414	LECT-DISC	F G	2	M W F M W F M W F	105 H H 108 E B 108 E B	SPONGBERG SPONGBERG
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ENGL	3 HOURS	SITE: JUNIO	R STAND	ING.			
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245 ENGLISH LITERATURE FROM 1688 TO 1789.
PREREQUISITE: JUNIOR STANDING.
   ENGL 245
               3 HOURS
449 LECT-DISC E 1 M W F 210B E B
            28449
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   FNGL 246 THE
3 HOURS
                  THE ENGLISH ROMANTIC POETS.
                          LECT-DISC F 2
LECT-DISC G 3
LECT-DISC P 1
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          251 GREAT NOVELISTS
3 HOURS
28481 LECT-DISC N
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                   GREAT NOVELISTS OF THE EIGHTEENTH CENTURY.
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12 TH 252 ADMIN
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  FNGL 252 GREAT ENGLISH NOVELISTS OF THE NINETEENTH CENTURY.

3 HOURS
28490 LECT-DISC B 9 M W F 205 E 6
            3 HOURS
28490 LECT-DISC B 9 M W F 205 E B
28503 LECT-DISC C 10 M W F 205 E B
                                                                                                         BENNETT
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                    GREAT FOREIGN NOVELISTS IN RELATION TO THE ENGLISH NOVEL.
          253
             3 HOURS
8511 LECT-DISC B 9 M W 142 ADMIN
           28511
                                                                                                        ADELMAN
                    SURVEY OF AMERICAN LITERATURE, I.
           *CREDIT IS NOT GIVEN FOR BOTH ENGL. 113 AND 255.
*3 HOURS
            28520
           28520 LECT-DISC B 9 M W F 108 E 8
28538 LECT-DISC C 10 M W F 144 BEV HALL
28546 LECT-DISC X1 12 M W F 144 BEV HALL
28554 LECT-DISC X1 12 M W F 144 BEV HALL
28562 LECT-DISC X2 12 M W F 196 L H
28571 LECT-DISC F 2 M W F 19 L G H
28589 LECT-DISC G 3 M W F 142 ADMIN
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            *CREDIT IS NOT GIVEN FOR BOTH ENGL. 114 AND 256.
  ENGL 256
              *3 HOURS
              *WILL NOT MEET DURING THE SIX-WEEKS STUDENT TEACHING PERIOD.
           ##ILL NOT MEET DURING THE SIX-WEEKS STUDENT TEACHING PERIOD.

28597 LECT-DISC 81 9 MTUWTHF 328 ARMORY

28601 LECT-DISC C1 10 M W F 201 E B

28619 LECT-DISC C2 10 M W F 328 ARMORY

28627 LECT-DISC D1 11 M W F 140 ADMIN

28637 LECT-DISC D1 12 M W F 140 ADMIN

28636 LECT-DISC D1 12 M W F 209 E B

28643 LECT-DISC E1 1 M W F 209 E B

28650 LECT-DISC H1 4 M W F 147 ADMIN
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RUNY AN
                   SURVEY OF ENGLISH LITERATURE, I.
  ENGL 257
            PREREQUISTTE: SENIOR STANDING.
              3 HOURS
                        LECT-DISC X 12 M W F 1C8 E B
            28686
                                                                                                         MCGUGAN
  ENGL
                    SURVEY OF ENGLISH LITERATURE, II.
              PREREQUISITE: SENIOR STANDING.
              3 HOURS
              *WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
            28716 LECT-DISC *81 9 MTUWTHF 259 E B
28694 LECT-DISC B2 9 M W F 223 E B
28708 LECT-DISC D 11 M W F 108 E B
                                                                                                          MATTHEWS
                                                                                                          KAUFMAN
                                                                                                          KAUFMAN
ENGL
          BENNETT
 ENGL 271 MAJOR AMERICAN WHITENS.
2 HOURS
*SECTION D TOPIC: EMERSON AND THOREAU.
28732 LECT-DISC D 11 M W 252 ADMIN
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PREREQUISITE: SIX HOURS OF ENGLISH LITERATURE OR CONSENT OF
            INSTRUCTOR.
                                                                                                        HOGAN
                       LECT-DISC A 8
LECT-DISC F 2
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205 E B
         28759
                                                                                                         KYLE
                  AFRO-AMERICAN LITERATURE.
         PREREQUISITE: ONE YEAR OF LITERATURE STUDIED IN COLLEGE, OR CONSENT OF INSTRUCTOR.
            3 HOURS
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146 ARMORY
          28783
                                       E2
                                                                        F
         28791
                                       F1
                                                                               133 ARMORY
146 ARMORY
          28805
                        DISC
                                       F2
FNGL 281 DEVELOPMENT OF THE MODERN DRAMA, I. 3 HOURS
         28813 LECT-DISC X
                                                              M W F
                                                                             310 D K H
137 ADMIN
                                                  1.0
                                                                                                          ALL EN
                                                  12
                                                                                                        ALLEN
ENGL 282
                 DEVELOPMENT OF THE MODERN DRAMA, II.
            3 HOURS
                       LECT-DISC C
LECT-DISC X
LECT-DISC E
         28830
28848
                                                                              117 E B
209 E B
                                                  10
                                                                                                          VAWTER
                                                   12
                                                                                                          HUR T
                                                                               117
         28856
                                                                                     FR
                                                                                                          VAWTER
ENGL 284 ENGLISH LITERATURE IN THE TWENTIETH CENTURY, II.
3 HOURS
         28864
                                                                                                          B. SMALLEY
                        LECT-DISC
                                                                               196 L H
                       LECT-DISC F 2
LECT-DISC G 3
LECT-DISC P 1
                                                                              2108 E B
259 E B
1 G H
1 G H
                                                              M W F
         28872
                                                                                                          WILSON
                                                                                                          NELSON
                                                                                                          E. BRANDABUF
                                                               TU TH
                                                                             1
                                        Р
                                                                     TH
                       SHORT STORY, II.

SITE: ONE COURSE IN ENGLISH OR ALL

LECT-DISC C 10 M W F 137 ADMIN-
LECT-DISC D 11 M W F 240 L H

LECT-DISC X1 12 M W F 310 D K H

LECT-DISC X2 12 M W F 259 ADMIN
LECT-DISC E 1 M W F 259 E B

LECT-DISC L 9 TU TH 140 ADMIN
LECT-DISC L 1 TU 140 ADMIN
LECT-DISC P 1 TU TH 252 ADMIN

LECT-DISC P 1 TU TH 252 ADMIN

P 2 TU 252 ADMIN

3 TU TH 117 E B

TU 117 E B
ENGL 286 THE SHORT STORY, II.

PREREQUISITE: ONE COURSE IN ENGLISH OR AMERICAN LITERATURE.
            3 HOURS
         28902
                                                                                                        GUIBBORY
         28911
                                                                                                          DAVIS
         28929
                                                                                                          GUIBBORY
         28937
                                                                                                          FUMENTO
         28945
28953
                                                                                                          DAVIS
                                                                                                          FRIEDMAN
                                                                                                          FRIEDMAN
         28961
                                                                                                          VANWELLEGHEN !
                                                                                                          VANWELLEGHEN
         28970
                                                                                                          VANWELLEGHE!
                                                                                                          VANWELLEGHER
                  THE TWENTIETH CENTURY AMERICAN NOVEL.
           3 HOURS
                                                           M W F
M W F
M W F
M W F
M W F
T U TH
T U
                       LECT-DISC B
LECT-DISC C
LECT-DISC D1
LECT-DISC X
LECT-DISC E
LECT-DISC F
LECT-DISC G
LECT-DISC R
                                                                             117 E B
1 G H
209 E B
205 E B
         28988
                                                                                                        ANDERSEN
                                                  10
          28996
                                                                                                          SWANSON
          29002
                                                                                                          KYLE
                                                  1.1
         29011
                                                  12
                                                                                                          ANDERSEN
         29029
                                                 1 2 3 2
                                                                               205
                                                                                      EΒ
                                                                                                          KYLE
         29037
29045
29053
                                                                               201
                                                                                     ΕВ
                                                                                                          MOAKE
                                                                               196
                                                                                     L H
                                                                                                          MOAKE
                                                                             140 ADMIN
140 ADMIN
                                                                                                          PURAVS
                                                                                                          PURAVS
                JUNIOR HONORS SEMINAR, II.
            PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS
            WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT
            DE INSTRUCTOR.
            3 HOURS
            *SECTION E TOPIC: GRECO-ROMAN MYTHOLOGY AND ENGLISH LITERATURE.
            SECTION G TOPIC: POETRY SINCE 1965.
SECTION L1 TOPIC: THE VICTORIAN NARRATIVE (AREA IV).
SECTION L2 TOPIC: MYTH AND ANTI-MYTH IN AMERICAN LITERATURE.
            (AREA I).
         29061 LECT-DISC *&E 1-3 TH
29070 LECT-DISC *&G 3-5 M
29088 LECT-DISC *&L1 9-11 TH
29096 LECT-DISC *&L2 9-11 TU
                                                                              303 E B
                                                                                                        FRAYNE
                                                                             194 L H
194 L H
119 E B
```

FNGL 273 POETRY SINCE 1920.

STILLINGER KRAMER SCOUFFAS

SENIOR HONDRS SEMINAR. PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR. 3 HOURS \*SECTION &E TOPIC: MELVILLE. \*SECTION &L TOPIC: W. B. YEATS.
29100 LECT-DISC \*&E 1-3 TU 303 E B
29118 LECT-DISC \*&L 9-11 TU 194 L H BAYM MARDER ENGL 298 SENIOR HONORS TUTORIAL.

PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS

WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR. 3 HOURS 29126 ARR STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES ENGL 303 HISTORICAL INTRODUCTION TO THE ENGLISH LANGUAGE. PREREQUISITE: ENGL. 386. 3 HOURS OR 3/4 UNIT CABLE LITERATURE FOR THE HIGH SCHOOL. ENGL 310 3 HOURS OR 3/4 UNIT 259 E B MAITHEWS 259 E B MATTHEWS 223 E B HOETKER 223 E B HOETKER ENGL 311 CHAUCER.

3 HOURS OR 3/4 UNIT
29193 LECT-DISC D 11 M W F 119 E 8 STILLWELL MILLIGAN MILLIGAN ENGL 336 ENGLISH DRAMA EXCLUSIVE OF SHAKESPEARE.
3 HOURS OR 3/4 UNIT
29215 LECT-DISC X 12 M W F 201 E B ENGL 338 TRAGEDY.
3 HOURS OR 3/4 UNIT
29223 LECT-DISC F 2 M W F 209 E B H UR T ENGL 342 THE POETRY OF MILTON.
3 HOURS OR 3/4 UNIT
29231 LECT-DISC G 3 M W F 209 F B JACOBS THE METAPHYSICAL POETS. EN GL 345 THE METAPHYSICAL PUELS.
3 HOURS OR 3/4 UNIT
29240 LECT-DISC B 9
29258 LECT-DISC D 11 M W F 140 ADMIN GUIBBORY 254 ADMIN VAWTER ENGL 346 THE AGE OF DRYDEN.
3 HOURS OR 3/4 UNIT
29266 LECT-DISC C 10 M W F 140 ADMIN A. KAUFMAN 348 SWIFT, POPE, AND FIELDING.
PREREQUISITE: A COURSE IN ENGLISH LITERATURE.
3 HOURS OR 3/4 UNIT
29274 LECT-DISC A 8 M W F ENGL 8 M W F 223 E B RHODES

ENGL	349 DR.	JOHNSON AND	HIS CIR	CLE.					
	3 HOURS 29282	OR 3/4 UNIT	1	9	TU TI	Н	252	ADMIN	GOL D
			L	10	TU		252	ADMIN ADMIN	GOLD
ENGL	351 THE	MID-VICTOR	IAN NOVEL						
	29291	LECT-DISC	С	10	M W	F	259	E B	ANDERSEN
FNGL	352 AME	RICAN LITER	ATURE: IR	VING TO V	HITMA	Ν.			
	29304	LECT-DISC	E	1-3	TI	Н	137	ADMIN	DAVIDSON
			E	1	10		137	ADMIN ADMIN	DAVIDSON
ENGI									
	SAM	INTERNATION IE AS C. LIT. OR 3/4 UNIT	359.						
	29312	LECT-DISC	D	11	м н	F	205	E B	FLANAGAN
ENGL	360 THE	POPULAR BAL	LAD AND	THE FOLK	SONG	IN THE	UNII	TED STATES.	
	29321	LECT-DISC	С	10	M W	F	146	ARMORY	A. GREEN
ENGL	370 THE	ORY AND PRAC	TICE OF	WRITTEN (	OMPOS	ITION.			
	29339	LECT-DISC	Δ	8	м ы	F	312	ок н	NEMANICH
	29347 29355	LECT-DISC	В	9 4-530	M W	F	240 108	D K H L H E B	HOLMES O'DONNELL
ENGL	375 HEN	RY JAMES AND	THE TEC	HNIQUE DE	FICT	ION.		E B	
	3 HOURS 29363	LECT-DISC	С	10	M W	F	119	E B	ALTENBERND
ENGL	378 MOD	ERN AMERICAN	N AND BRI	TISH FICT	TION I	N ITS	EUROF	EAN BACKGROUND	
	3 HOURS	SITE: TWO CO	JLLEGE-LE	:VEL LITER	CATURE	CUURS	,E 5 .		
	29371	LECT-DISC	C	10	M W	F	142	ADMIN	ADELMAN
ENCI	3.01 TUE	MES AND MOVE	MENTS IN		1 1750	ATUDE			
ENGL	PREREQUI	SITE: SIX HO	JURS OF E	NGLISH OR	AMER	ICAN L	ITERA	TURE.	
	SECTION	OR 3/4 UNIT C TOPIC: SEV	/ENTEENTH	CENTURY	PROSE				
	29380	LECT-DISC	С	10	M M	F	374	L H	CLARK
CNCI	202 115	PLAYS OF BE	DAVADO CI	14.1					
ENGL	3 HUURS	OR 3/4 UNIT	ERNARU SF	1AW .				ЕВ	
	29398	LECT-DISC	£	1	M W	F	201	ЕВ	SHATTUCK
ENCI	385 THE	MES AND MOVE	MENTS IN	AMEDICAN		DATIBE			
ENGL	3 HOURS	OR 3/4 UNIT							
	CONSCIOU	B TOPIC: AN	TION X TO	PIC: THE	NOVEL	OF PR	OTES1	-	
	* SECTION	G TOPIC: AF	RO-AMERI	CAN FICTI	ION.	F	1	6 н	WHISNANT
	29410	LECT-DISC +	×X	12	M W	F	331	G Н G Н G Н	A. GREEN
	29428	LECT-DISC 4	*G	3	M W	F	331	G H	KINNAMUN
ENGL	386 MOD	ERN ENGLISH	GRAMMAR	AND USAGE					
	3 HUURS	OR 3/4 UNIT				TDANS	EODM/	TIONAL	
	GRAMMAR.	SECTION D	TOPIC: E	MPHASIS (	N PRA	CTICAL	GRAN	MAR AND	
	CONC ISE 29444	LECT-DISC 4	<b>₽</b> B	9	ч	F	312	DKH	NEMANICH CARLE
	29452	LECT-DISC 4	C C	10	M W	F	223	E B	CABLE TIBBETTS
	29461	LECT-DISC 4	×X	12	M W	F	117	D K H E B D K H E B G H	DOUTON
	29419	CECI-DISC 1	PH	4	M M	F	331	<b>Б</b> Н	BUUTUN
ENGL	392 TYP	OGRAPHIC DIS	CIPLINES	OF THE F	300K.				
	DDEDENIII	OGRAPHIC DIS F AS JOURN. SITE: CONSE	IT OF THIS	TOUCTOR					
	3 HOURS	OR 1/2 UNIT LECT-DISC	AL DE INS	TRUCTUR.					
	29487	LECT-DISC	AF	R					CHAPDU

# COURSES FOR GRADUATES

ENGL	402 OLD PREREQUI 1 UNIT	ENGLISH	BECWULF. 401.							
	29495	LECT-DISC	В	9	М	W	F	309	L 18	TRAHERN
ENGL	403 HIS 1 UNIT *RESERVE	TORY OF THE				EAC	HING !	DF EN	GLISH AS A	
	SECOND L	ANGUAGE. LECT-DISC LECT-DISC							Е В	ASTON CABLE
ENGL	408 STU 1 UNIT	IDIES IN CH	AUCER AND	HIS TIME	S ,	11				
	29525	LECT-DISC							GН	WRITH
ENGL	412 STU 1 UNIT 29533	DIES IN SI	KTEENTH CE	ENTURY LI	TER	ATUI	RE, I	Ι.		
										MILLIGAN
ENGL	413 STU	DIES IN SHA	KESPEARE	•						
	413 STU 1 UNIT 29541	LECT-DISC	М	10-12		T	4	309	LIB	COLE
ENGL	418 STU	DIES IN SE	/FNT EENTH	CENTURY	POE	TRY	AND	MILTO	1640-1700. E B	
	29550	LECT-DISC	N	11	1	U TI	1	303	€В	M. KAUFMANN
ENGL	422 STU I UNIT	DIES IN EIG	GHTEENTH (	CENTURY L	ITE	RAT	JRE,	11.		
	29568	LECT-DISC	G	3 -5	М			119	Е В	RHODES
ENGL	428 STU SAM	DIES IN THE	ROMANTIO	C MOVEMEN	Τ,	11.				
	1 UNIT 29576	LECT-DISC	Е	1	М	W		303	E 8	WILKIE
ENGL	432 STU	DIES IN VIO	CTORIAN LI	ITERATURE	11					
	1 UNIT 29584 29592	LECT-DISC	G E	3-5 1	T	₩ J Ti	4	194 240	L H L H	SCHNEIDER D. SMALLEY
ENGL	7 (16) T.T.									
	29614	LECT-DISC LECT-DISC	L R	9-11 2-4		TI	1	303 119	E B E B	MAR DER MAR DER
ENGL	438 STU PREREQUI INSTRUCT 1 UNIT	SITE: SURVE	ERICAN LIT	TERATURE IN AMERI	CAN	ER :	1800. FERATI	JRE OI	R CONSENT OF	
	*SECTION	G1 TOPIC:	HOMEN IN	AMERICAN	F10	TIL	IN.	303	E 9	HENDSICA
						TH	4	2108	E B E B	BAYM
ENGL	444 STU 1 UNIT 29649	DIES IN MOE	DERN DRAMA	١.	м	L.		303	E B	SHATTUCK
										SHATTOCK
ENGL	447 BAC	KGROUND MAT	TERTALS FO	OR HIGH S	СНО	DL 1	EACH	ERS O	F ENGLISH.	
	29657	LECT-DISC	Н	4-6	Ť	J		205	E B	ноок
ENGL	448 LIT PREREQUI	ERARY ANALY SITE: TEACH	SIS FOR T	TEACHERS RIENCE.	OF I	ENGL	ISH.			
	1 UNIT TOPIC: L 29665	TERARY THE	ECRY AND 1	THE TEACH	HING	OF	EN GL	ISH. 117	E B	PURVES

ENGL	463 PRO	BLEMS IN SH	AKESPEA	RE.				
	29673	LECT-DISC	М	10-12	TU	309	LIB	COLE
ENGL	464 PRE	BLEMS IN EL	I ZABETH	AN DRAMA.				
	1 UNIT 29681	LECT-DISC	G	3	TU TH	303	E B	HOLADAY
ENGL	467 PREREQUI	BLEMS IN MI	LTON AN 342 OR	D HIS AGE. 418 OR COM	ISENT OF IN	STRUC	TOR.	
	29690	LFCT-DISC	L	9-11	TU	303	Е В	KAUFMANN
€ NG L	PREREQUI INSTRUCT		421, 4	22, OR EQUI	VALENT OR	CONSE		
	TOPIC: F 29703	FIELDING AND LFCT-DISC	STERNE	3-5	TU	252	ADMIN	GOLD
ENGL	476 PRO SAM 1 UNIT	DBLEMS IN RO	MANTIC . 453.	LITERATURE.				
	TOPIC: R	LECT-DISC	AND MOD H	ERN POFTRY. 4-6	TU	303	E B	STILLINGER
ENGL		ISITE: SECON	D-YEAR	GRADUATE ST				
	TOPIC: R 29720	COMANTICISM LECT-DISC	AND THE	NOVEL.	TU TH	194	L Н	MAJDIAK
ENGL	PREREQUE	BLEMS IN VI	CTORIAN 431 OR	LITERATURE 432, OR CO	NSENT OF I	NSTRU	CTOR	
	29738	LECT-DISC	E	1	M W	240	LH	D. SMALLEY
FNGL	480 THE	ENGLISH NO						WII SON
					M W			MILZON
ENGL	PREREQUI	BLEMS IN TW SITE: CONSE JRE.	ENTIETH NT OF I	CENTURY EN	OR A SURVE	RATUR Y OF	E. ENGLISH	
	TOPIC: P 29754	PROSE OF JAM LECT-DISC	G JOYC	E. 3-5	TU	2108	E B	E. BRANDABU
ENGL	486 PRE PREREQUI INSTRUCT 1 UNIT	SITE: A SUR	ERICAN VEY OF	CRITICISM A AMERICAN LI	ND AMERICA TERATURE D	N CUL R CON	TURE. SENT OF	
	*SFCTION	C TOPIC: L LECT-DISC	ANGUAGE *C	, LITERATUR 10-12	E AND MEDI.	A. 309	LIB	SANDERS
ENGL	PRE RE QUI INSTRUCT		VEY OF	AMERICAN LI	TERATURE O	E . R CON:	SENT OF	
	#1 UNIT	S MAY REPEA H TOPIC: PR						
	29771 29789	LECT-DISC	G H	3-5 4-6	TU F	119	E B E B	DAVIDSON FLANAGAN
ENGL	491 RES *THIS CO *1 UNIT	EARCH IN SP DURSE MAY BE	ECIAL T REPEAT	OPICS. ED FOR A TO	TAL OF TWO	UNIT	s	•
	SECTION	H IS FOR AS	SISTANT	S TEACHING	ENGLISH 11	6; SE	CTION G IS FOR	
	29797 29801	LECT-DISC	G H	ARR				PURVES DAVIDSON

ENGL

INDEPENDENT READING.
PREREQUISITE: CONSENT OF INSTRUCTOR OF REQUISITE 300 LEVEL COURSE.
\*STUDENTS MAY ACCUMULATE 1/2 UNIT.

\*1/4 UNIT

29819

ENGL 499 THESIS RESEARCH.

O TO 4 UNITS

INSTRUCTORS: ALTENBERND, ASTON, BERRY, BRANDABUR, CAMPBELL, INDIRUCIUSS: ALTENBERNU, ASTUN, BERKT, BRANDABUR, CAMP DU. M. KAUFMANN, R. GREEN, HENDRICK, HOLADAY, HOOK, U. M. KAUFMANN, KRAMER, MARDER, MILLIGAN, PURVES SHATTUCK, SMALLEY, STILLINGER, WILKIE, AND WILSON CONF 29827 ARR

ENTOMOLOGY

DEPARTMENT OFFICE

320 MOR HALL

MAJOR: THIS PROGRAM IS DESIGNED FOR STUDENTS WHO WISH TO SPECIALIZE IN ENTOMOLOGY AS PREPARATION FOR PROFESSIONAL WORK IN THIS AREA OR SUBSEQUENT GRADUATE STUDY.

STUDENTS MUST COMPLETE A MAJOR CONSISTING OF BIOLOGY 110, 111, ENTOMOLOGY 301, 302 (SUMMER), AND AN ADDITIONAL ELEVEN HOURS OF COURSES AT THE 200 OR 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES. CHOSEN IN CONSULTATION WITH THE ADVISOR. STUDENTS ARE ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH OR-ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH MATHEMATICS AND ACTIVE ACTIVITY OF THE CONTROL O

#### COURSES FOR UNDERGRADUATES

2,110	3 HOURS	i i i i i i i i i i i i i i i i i i i		00.0				
	29835	LECT		11	M W	152	C A	WAL DBAUER
	29843	LAB	A	10-12	F	309	нн	WAL DBAUER
	29851	LAB	В	10-12	TH	309	нн	WAL DBAUER
ENTOM	103	FE OF INS	ECTS.					
2.41.0.1	4 HOURS							
	29860	LECT	*	10	TU TH	269	E E B	MACLEOD
	29878	LECT	2	11	TU TH	269	E E B	
	29886	LAB	A	8-10	M W	309	H H	MACLEOD
	29894	LAB	В	10-12	M W	309	н н	MACLEOD
	29908	LAB	C	12-2	M W	309	H H	MACLEOD
	29916	LAB	D	2-4	M W	309	н н	MACLEOD
	29924	LAB	F	4-6	M W	309	н н	MACLEOD
	29932	LAB	F	8-10	TU TH	309	H H	MACLEOD
	29941	LAB	G	12-2	TU TH	309	н н	MACLEDD
	29959	LAB	H	2-4	TU TH	309	H H	MACLEOD
	29967	LAB	I	4-6	TU TH	309	H H	MACLEOD
	29975	LAB	J	8-10	FS	309	H H	MACLEOD

UNDERGRADUATE OPEN SEMINAR.
\*MAY BE REPEATED. ENTOM 199 \*0 TO 9 HOURS 29983 CONF

ENTOM 101 ACRICULTURAL ENTOMOLOGY.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ENTOM 301 INTRODUCTION TO ENTOMOLOGY. PREREQUISITE: BIOL. 111 AND CHEM. 101, AND CONSENT OF INSTRUCTOR. 4 HOURS OR 1 UNIT

ARR

29991	LECT	Α	2	TU TH	229	N H B
	LAB	A	3-5	TU TH	315	MOR HALL
30000	LECT	В	2	TU TH	229	N H B
	LAB	8	1-3	M W	315	MOR HALL
30018	LECT	C	2	TU TH	229	NHB
	LAB	C	3-5	M W	315	MOR HALL

ER LEDMAN. STERNBURG AND MACLEOD

6 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR. ENTOM 306 2 TO 5 HOURS, OR 1/4 OR 1 UNIT

30026 CONF ARR STAFF

HORSFALL

HORSFALL

METCALF, BOC

AND STERNBUR

ENTOM 322 INSECT BIONOMICS.

PREREQUISITE: ENTOM. 103 OR 302, OR ZOOL. 320, AND CONSENT OF

4 HOURS OR 1 UNIT

30034 LECT

407 MOR HALL 407 MOR HALL LAB

COURSES FOR GRADUATES

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES.

PREREQUISITE: ONE YEAR OF BIOLOGY OR EQUIVALENT IN ANIMAL SCIENCE, ORGANIC CHEMISTRY, AND CONSENT OF INSTRUCTOR.

1 UNIT

30042 LECT

TU TH 136 BUR HALL 215 MOR HALL TU TH 3-5 LAR

ENTOM 422 INSECT PHYSIOLOGY.

PREREQUISITE: ENTOM. 302 AND 410, ORGANIC CHEMISTRY, AND CONSENT

OF INSTRUCTOR. 1 UNIT

30051 LAB-DISC 9-12 TU TH 315 MOR HALL

FRIEDMAN. LARSEN AND

WILLIES

ENTOM 426

6 SEMINAR IN ENTOMOLOGY. PREREQUISITE: CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT.

\*0 DR 1/4 UNIT

30069 LECT STAFF

ENTOM 499 THESIS -- RESEARCH.

O TO 4 UNITS

WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

A--MORPHOLOGY AND EMBRYOLOGY OF INSECTS LARSEN, MACLEOD, STERNBURG
B--APPLIED AND MEDICAL ENTOMOLOGY HORSFALL, KEARNS, LUCKMANN

HORSFALL, KEARNS, LUCKMANN

METCALF C--SYSTEMATIC ENTOMOLOGY

MACLEOD, SELANDER, STANNARD

D--BIOLOGY AND ECOLOGY OF INSECTS GHENT, HORSFALL, JAYCOX

WALDBAUER E--INSECT PHYSIOLOGY & TOXICOLOGY FRAENKEL, FRIEDMAN,

KEARNS, LARSEN, METCALF, STERNBURG, WALDBAUER,

WILLIS

30077 CONE APP DEPARTMENT OFFICE

340 COM W

REQUIREMENTS FOR L. A. S. STUDENTS
MAJOR: TWENTY HOURS IN FINANCE. A FINANCE MAJOR WHO CHOOSES
ECCNOMICS AS A MINOR MUST INCLUDE ALSO TWELVE HOURS IN A SECOND MINOR.

ECON. 108 OR ECON. 102 AND 103, ARE FUNDAMENTAL COURSES IN ECONOMICS AND ARE PREREQUISITES FOR COURSES IN FINANCE. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN FINANCE SHOULD TAKE ECON. 108, OR ECON. 102 AND 103, IN THEIR SOPHOMORE YEAR. LIBERAL ARTS MAJORS IN FINANCE ARE ADVISED STRONGLY TO FLECT ACCY. 201 AND A COURSE IN STATISTICS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY. THE CURRICULUM IN LATIN-AMERICAN STUDIES IS ACCEPTED AS A MINOR.

#### COURSES FOR UNDERGRADUATES

FIN	150	MONEY,	CREDIT,	AND	BANKING.
	PRE	REQUISITE	E: ECON.	103	OR 108.

30085	LECT-DISC	В	9	М	W	F	123	D	K	Н
30093	LECT-DISC	Dl	11	M	W	F	123	D	К	Н
30107	LECT-DISC	D2	11	M	W	F	317	D	К	Н
30115	LECT-DISC	E	1	M	W	F	123	D	K	Н
30123	LECT-DISC	X1	12	M	W	F	123	D	K	Н
30131	LECT-DISC	X2	12	M	W	F	317	D	K	H

99 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS FIN 199

30140 CONF ARR

## COURSES FOR ADVANCED UNDERGRADUATES

FIN BANKING PRACTICE IN THE UNITED STATES. PREREQUISITE: FIN. 150 AND 254.

3 HOURS

30158 LECT-DISC G 123 D K H 123 D K H

FIN INVESTMENT BANKING. PREREQUISITE: FIN. 150 AND 254.

3 HOURS 9 LEGNARD 30174 LECT-DISC B 219 D K H 123 D K H LEONARD LECT-DISC C 30182 1.0

AN INTRODUCTION TO BUSINESS FINANCIAL MANAGEMENT. FIN

PREREQUISITE: ACCY. 105 DR 201, FIN. 150, CREDIT OR REGISTRATION IN ECON. 172.

\*CREDIT IS NOT GIVEN FOR BOTH FIN. 254 AND FIN. 257. \*3 HOURS

30191	LECT-DISC	Al	8	M	W	F	123	D K	Н
30204	LECT-DISC	A2	8	M	W	F	219	DK	Н
30212	L ECT-DISC	Α3	8	M	W	F	317	D K	Н
30221	LECT-DISC	E	1	M	W	F	219	D K	H
30239	LECT-DISC	F	2	M	W	F	28	COM	₩
30247	LECT-DISC	G1	3	M	W	F	219	D K	Н
30255	LECT-DISC	G2	3	M	W	F	28	COM	W
30263	LECT-DISC	Н	4	M	W	F	123	D K	Н
30271	LECT-DISC	X1	12	M	₩	F	28	C OM	W
30280	LECT-DISC	X 2	12	M	W	F	219	D K	Н
30298	LECT-DISC	Х3	12	M	W	F	226	COM	W

FIN	257 CORPORATION FINANCE. FOR NON-COMMERCE STUDENTS ONLY.		
	PREREQUISITE: ECON. 103 OR 108. CREDIT IS NOT GIVEN FOR BOTH FIN. 7	257 AND FIN. 254.	
	3 HOURS 30301 LECT-DISC D 11 30310 LECT-DISC F 2	M W F 219 D K H M W F 219 D K H	OSBORN OSBORN
FIN	259 INVESTMENT. PREREQUISITE: ECON. 103 OR 108.		
	3 HOURS 30328	M W F 219 D K H M W F 226 COM W TU 123 D K H TH 123 D K H TU 123 D K H TH 123 D K H	
	30352 LECT-DISC N 11 N 10-12	TU 123 D K H TU 123 D K H TH 123 D K H	
FIN	260 ECONOMICS OF INSURANCE. PREREQUISITE: ECON. 103 OR 108. 3 HOURS		
	30361 LECT-DISC C 10 30379 LECT-DISC L 8-10 L 9	M W F 226 COM W TU 226 COM W TH 226 COM W	FORBES FORBES
FIN	262 LIFE INSURANCE. PREREQUISITE: ECON. 103 OR 108. 3 HOURS		
	30387 LECT-DISC A 8 30395 LECT-DISC B 9 30409 LECT-DISC L 8-10 L 9 30417 LECT-DISC N 10-12 N 10	M W F 226 COM W M W F 226 COM W TU 219 D K H	CAMMACK CAMMACK
	30417 LECT-DISC N 10-12 N 10	TH 219 D K H TU 226 COM W TH 226 COM W	
FIN	295 SENIOR RESEARCH.  PREREQUISITE: SENIOR STANDING. 2 TO 4 HOURS 30425 LECT-DISC UTU 4-6		
	30425 [201-0130 010 4-6	10 717 0 K H	
	COURSES FOR ADVANCED U	NDERGRADUATES AND GRADUATES	
FIN	357 FINANCING SMALL BUSINESS. PREREQUISITF: FIN. 254 OR 257. 3 HOURS, OR 1/2 TO 1 UNIT 30433 LECT-DISC B 9		
	30433 LECT-DISC B 9	M W F 317 DKH	OSBORN
FIN	359 SECURITIES ANALYSIS.  PREREQUISITE: ACCY. 108FIN. 254. 3 HOURS, OR 1/2 TO 1 UNIT		
	3 HOURS, OR 1/2 TO 1 UNIT 30441 LECT-DISC A 8 30450 LECT-DISC C1 10 30468 LECT-DISC C2 10	M W F 28 COM W M W F 317 D K H M W F 28 COM W	LECLAIR POSTON LECLAIR
EIN	363 ESTATE PLANNING. PREREQUISITE: FIN. 262. 3 HOURS, OR 1/2 TO 1 UNIT		
	30476 LECT-DISC N 10-12 N 10	TU 28 COM W TH 28 COM W	MEHR
FIN	364 FUNDAMENTALS OF REAL ESTATE AL PREREQUISITE: SIX HOURS OF ECONOMIC SCIENCE OR SOCIOLOGY OR CONSENT OF	S AND A COURSE IN POLITICAL	
	3 HOURS, OR 1/2 TO 1 UNIT 30484 LECT-DISC B 9 30492 LECT-DISC E 1	M W F 28 COM W M W F 28 COM W	GUNTERMANN   GUNTERMANN
FIN	366 VALUATION THEORY AND METHODS.  PREREQUISITE: FIN. 364 OR CONSENT ( 3 HOURS, OR 1/2 TO 1 UNIT	OF INSTRUCTOR.	
	3 HOURS, OR 1/2 TO 1 UNIT 30506 LECT-DISC D 11	M W F 28 COM W	GUNTERMANN

71 PROPERTY AND LIABILITY INSURANCE.
PREREQUISITE: FIN. 260.
30 HOURS, OR 1/2 TO 1 UNIT
30514 LECT-DISC E 1 M FIN FORBES 30514 M W F 206 D K H COURSES FOR GRADUATES FIN THE MONEY MARKET AND FINANCIAL STABILIZATION. PREREQUISITE: FIN. 150. 1 UNIT LECT-DISC STU 2-4 TU 317 DKH ARLT INVESTMENT BEHAVIOR. FIN PREREQUISITE: MATH. 134 OR EQUIVALENT, ECON. 470 OR EQUIVALENT. 1 UNIT M W 30531 LECT-DISC EM 130-3 317 D K H FIN CORPORATION FINANCE. PREREQUISITE: FIN. 254. 1 UNIT 30549 LECT-DISC FF E 317 D K H 2-4 VAN ARSDELL 460 THEORY OF INSURANCE. FIN 1 UNIT 0557 LECT-DISC LTU 9-10 TU 28 COM W 30557 MEHR FIN 469 PROBLEMS AND POLICIES IN URBAN ECONOMICS. PREREQUISITE: FIN. 364, 468, OR CONSENT OF INSTRUCTOR. 1 UNIT 30565 LECT-DISC GM 317 DKH COOPER FIN INDIVIDUAL STUDY AND RESEARCH. 1/2 TO 1 UNIT 30573 CONF FIN 499 THESIS RESEARCH. 99 THESIS RESEARCH.
0 TO 4 UNITS
30581 LECT-DISC HW 4-6 W 317 D K H
30590 LECT-DISC UTH 4-6 TH 317 D K H FOOD SCIENCE DEPARTMENT OFFICE 213 M H COURSES FOR ADVANCED UNDERGRADUATES PROCESSING AND QUALITY EVALUATION OF DAIRY AND FOOD PRODUCTS. PREREQUISITE: CHEM. 102. 3 HOURS 203 D M B STEINBERG, 105 D M B TOBIAS 30603 LECT-DISC 3-5 LAB COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES FS SPECIAL PROBLEMS.
PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR MUST BE OBTAINED PRIOR TO ENROLLMENT. THIS COURSE IS NOT OPEN TO UNDERGRADUATES WHO ARE ON PROBATION. \*MAXIMUM OF 2 UNITS ALLOWABLE CREDIT. \*\*1 TO 5 HOURS, OR 3/4 TO 1 1/2 UNITS
SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A
MINIMUM GRADE POINT AVERAGE OF 4,0 AND MAY BE TAKEN IN CONJUNCTION
WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

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FOOD PROCESSING.
FS
          PREREQUISITE: CHEM. 133, F. S. 202 AND 301.
          FIELD TRIPS.
          4 HOURS OR 1 UNIT
        30638
                   LECT
                                          11
                                                     TU
                                                                203 D M B
                                                                                      NELSON & WEI
                                                             S WING H F L
                                                     TU TH
                    LAB
                                           2-5
                                                    TU TH
FS
      324
               PROBLEMS IN NUTRITION.
          SAME AS H. FC. 324.
PREREQUISITE: CHEM. 354 OR 350 AND 355, H. EC. 220, SENIOR
          STANDING.
          3 TO 5 HOURS, OR 1/2 TO 1 UNIT
*ONLY STUDENTS REGISTERING FOR 5 HOURS OR 1 UNIT CREDIT INCLUDE
          LABORATORY.
        30646
                  LECT
                                                          F
                                                                449 BEV HALL
                                                                                       HASKELL
                                                                420 BEV HALL
420 BEV HALL
        30654
                                           9-12
                    LAB
                                *A
        30662
                    LAB
                               #8B
                                           9-12
F S
      332
               PRINCIPLES OF SANITATION IN THE PROCESSING AND HANDLING OF
               FOODS.
          PREREQUISITE: MCBID. 100, 101 AND CHEM. 102 (NEW).
          FIELD TRIPS.
          2 HOURS OR 1/2 UNIT
        30671
                   LECT
                                                                316S M H
                                                                                      ORDAL, WITTEL
                                                                558 BEV HALL
                    LAB
                                           2
               INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S., D. S., FOR., HORT., AND
F S
      340
          V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
          4 HOURS OR 3/4 UNIT
        30689
                  LECT
                                           9
                                                     TU TH
                                                               W109
                                                                                      SEIF
                                                               W223 T H
W223 T H
W121 T H
        30697
                    LAB-DISC
                                          1-3
                                                     TU
        30701
                    LAB-DISC
                                2
                                           3-5
                                                     TU
        30719
                   LAB-DISC
                                3
                                           1 - 3
        30727
                   LAB-DISC
                                 4
                                           3-5
                                                               W223
                                                                     T H
      363
FS
               INTRODUCTION TO PROCESS ENGINEERING.
          SAME AS CH. E. 363.
FOR STUDENT IN CHEMISTRY, ENGINEERING, AND FOOD SCIENCE, NOT
          OPEN TO MAJORS IN CHEMICAL ENGINEERING.
          PREREQUISITE: CALCULUS OR CONSENT OF INSTRUCTOR.
          3 HOURS OR 3/4 UNIT
                  LECT
        30735
                                                   M W F
                                                               203 D M B
                                                                                      STEINBERG
                                     COURSES FOR GRADUATES
F S
               SEMINAR.
          REQUIRED OF ALL GRADUATE STUDENTS IN FOOD SCIENCE.
          1/4 UNIT
        30743
                   DISC
                                         11
                                                    TH W109 T H
                                                                                      STAFF
F S
      440
               DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
          SAME AS AG. E., AGRON., AN. S., D. S., FOR., HORT.,
AND V. M. S. 440.

PREREQUISITE: F. S. 340 OR EQUIVALENT.
          3/4 UNIT
        30751
                                          9
                                                              W109 T H
W223 T H
                                                                                      CARMER, WALK
        30760
                    LAB-DISC
                                          1-3
                                                        TH
                              2
                   LAB-DISC
                                          3-5
                                                       TH
                                                               W223
        30778
              THESIS PESEARCH.
FS
      499
        O TO 4 UNITS
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#### EURESTRY

DEPARTMENT OFFICE

219 M H

THE FORESTRY COURSES FOR ADVANCED UNDERGRADUATES ARE DESIGNED PRIMARILY FOR STUDENTS WHO ARE CANDIDATES FOR THE PROFESSIONAL DEGREE OF BACHELOR OF SCIENCE IN FORESTRY IN EITHER THE FOREST SCIENCE OR WOOD SCIENCE CURRICULUM. OTHER STUDENTS ARE ADMITTED TO MOST OF THESE COURSES, HOWEVER, IF THEY HAVE THE PREREQUISITES OR THE CONSENT OF THE INSTRUCTOR.

#### COURSES FUR UNDERGRADUATES

9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*O TO 9 HOURS 199 EDR ARR

30794 CONF

STAFF

#### COURSES FOR ADVANCED UNDERGRADUATES

SPECIAL PROBLEMS. FOR PREREQUISITE: A MINIMUM GRADE-POINT AVERAGE OF 3.75;
SENIOR STANDING; CONSENT OF INSTRUCTOR AND HEAD OF
DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE CEAN IS REQUIRED
IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE. 1 TO 3 HOURS

30308

DISC

STAFF

ADVANCED FOREST MEASUREMENTS.
PREREQUISITE: FOR. 221, AGRON. 340. FOR

3 HOURS

LECT-DISC 30816 LAB-DISC

ARR

1 TU TH 205 F S L 2-5 TU 205 F S L

YOCOM

232 WOOD UTILIZATION. FOR

PREREQUISITE: FOR. 231.
ONE DAY FIELD TRIP. ESTIMATED COST \$3.00. 3 HOURS

30824 LECT-DISC M W F 205 F S L

WALTERS

PREREQUISITE: SENIOR STANDING; FOR. 222. FOR

4 HOURS

30832 LECT-DISC LAB-DISC

M W F 218 AGR ENG 205 F S L F 1 -4

YOCOM

FOR WOOD ANATOMY AND IDENTIFICATION.

PREREQUISITE: JUNIOR STANDING.

4 HOURS

30841

LECT-DISC LAB-DISC

8 TU TH W223 T H 9-12 TU TH W223 T H

GUIHER

FOR 273 ADHESIVES AND LAMINATES.

PREREQUISITE: ENROLLMENT IN THE WOOD SCIENCE CURRICULUM OR CONSENT OF INSTRUCTOR.

3 HOURS

30859

LECT-DISC LAB-DISC

100 F S L 1-4

GUIHER

FOR 274 W00 3 HOURS WOOD PRESERVATION.

30867

LAB-DISC

LECT-DISC 10 T TU TH 100 F S L WAL TERS

FOR

75 SEMINAR IN WOOD SCIENCE.
PREREQUISITE: JUNIOR OR SENIOR STANDING IN THE WOOD TECHNOLOGY AND

UTILIZATION CURRICULUM. 2 HOURS

30375

ARR

CHOW, GUIHER,

**WALTERS** 

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

FOR		INTRODUCTION T						
		SAME AS AG. E.	, AGRON.,	AN. S., D.	. S., F.	S., HC	RT. AN	D
		V. M. S. 340.						
		QUISITE: MATH.		2 OR 104,	OR FQUI	VALENT.		
		RS OR 3/4 UNIT		,	TU TH	W109	T 11	CEIC
	30883 30891	LAB-DISC	1		TU	W109		SEIF SEIF
	30905	LAB-DISC	2		TU	W223		SEIF
	30913	LAB-DISC			₩	W121		SELF
		LAB-DISC	4	3-5	W	W223		SEIF
			COURS	ES FOR GR	ADUATES			
FOR	400	SEM INAR .						
	REQUI	RED OF ALL GRA	DUATE STUD	ENTS IN FI	DRESTRY.			
		ENTS MAY ACCUM	ULATE 1/2	JNIT.				
	<b>*1/4</b>							
	30930	DISC	ARR					GR A DUA TE
FOR	401	SPECIAL PROBLE	MS.					
		MORE THAN ONE		OFFERED	TOWARD .	AN M.S.	DEGREE	
	*1/2	DR 1 UNIT						
	30948	CONF	ARR					STAFF
FOR	616	DISCUSSIONS IN	EODEST EC	DIOCY AND	DHAC LUT	ncv		
LOK		DUISITE: CONSE			FHI 3 TUL	301.		
		L CREDIT LIMIT						
	*1/4							
	30956	CONF	ARR					STAFF
EDR	660	DESIGN AND ANA	VCIC DE Q	TOLOGICAL	EVDEDIM	ENTC		
(1)/		SAME AS AG. E.					R T	
		AND V. M. S. 4		507 0		307 110		
		QUISITE: FOR.		I VALENT.				
	3/4 U	TIV						
		FEC 1		9 M		W109		CARMER
	30972	LAB-DISC	1	l = 3 3 = 5	TH	W223		CARMER
	30981	LAB-DISC	2	3-5	TH	W223	I H	CARMER
FOR	460	DISCUSSIONS IN	FOREST PO	LICY AND	ADMINIST	RATION.		
		QUISITE: CONSE						
		L CREDIT LIMIT	ED TO 1 UN	îΤ.				
	*1/4		400					CTAFC
	30999	CONF	ARR					STAFF
FOR	499	THESIS RESEARC	H.					
		3 UNITS						
	31005	CONF	ARR					STAFF

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MAJOR: TWO TYPES OF MAJOR PROGRAMS ARE OFFERED: THE MAJOR IN FRENCH LITERATURE AND THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS. BOTH MAJORS PROVIDE SUITABLE PREPARATION FOR GRADUATE STUDY IN THE APPROPRIATE AREAS. (THE MAJOR IN FRENCH LITERATURE PROVIDES PREPARATION FOR GRADUATE WORK IN FRENCH. THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS PREPARES FOR GRADUATE WORK IN LINGUISTICS (SEE LINGUISTICS IN GRADUATE COLLEGE BULLETIN), AND PROVIDES PREPARATION FOR GRADUATE WORK IN THE DEPARTMENT OF FRENCH WITH THE ADDITION OF APPROPRIATE COURSES IN FRENCH LITERATURE TO BE DETERMINED BY THE ADVISOR.)

THE MAJOR IN FRENCH LITERATURE MUST COMPLETE FRENCH 201-202 AND SIX SEMESTER COURSES IN FRENCH LITERATURE AT THE 200-LEVEL AND ABOVE, EXCLUDING FRENCH 255-256, HITH THE PROVISION THAT NO MORE THAN TWO COURSES MAY BE CHOSEN FROM THE GROUP 207-208-209. STUDENTS ARE STRONGLY ADVISED TO TAKE A YEARS WORK IN EUROPEAN HISTORY AND A YEARS WORK IN ENGLISH LITERATURE.

THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS MUST COMPLETE FRENCH 211-212 AND 20 HOURS OF COURSES AT THE 2CO-LEVEL AND ABOVE, INCLUDING FRENCH 201-202 AND FRENCH 311, 313, 314, AND 316. A MINOR, MINIMUM 8 HOURS, IS STRONGLY RECOMMENDED IN LINGUISTICS OR IN A SECOND FOREIGN LANGUAGE, SUBJECT TO THE PROVISIONS LISTED BELOW UNDER THE MINUR REQUIREMENTS. STUDENTS ARE STRONGLY ADVISED TO TAKE LINGUISTICS 300, INTRODUCTION TO LINGUISTICS.

STUDENTS WHO INTEND TO TEACH FRENCH IN SECONDARY SCHOOLS ARE REFERRED TO THE STATEMENT OF REQUIREMENTS UNDER TEACHER EDUCATION CURRICULA IN THE BULLETIN ON UNDERGRADUATE STUDY.

MINORS: THENTY HOURS IN NOT MURE THAN TWO OF THE FOLLOWING SUBJECTS, EXCLUDING THE FIRST TWO SEMESTERS OF MODERN FOREIGN LANGUAGE AND RHETORIC 101 AND 102, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: EDUCATION, ENGLISH, GERMAN, GREEK, HISTORY, HUMANITIES, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILDSOPHY, PORTUGUESE, RUSSIAN, SPANISH, OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC, NOT INCLUDING APPLIED MUSIC, COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED.

SEQUENCE OF COURSES: STUDENTS WITH NO PREVIOUS CREDIT IN FRENCH REGISTER IN FRENCH 101.

ENTERING STUDENTS WHO HAVE CREDIT IN FRENCH FROM HIGH SCHOOL MUST REGISTER IN THE COURSE INDICATED BY THE PLACEMENT TEST. STUDENTS WITH CREDIT FROM OTHER UNIVERSITIES REGISTER AS FOLLOWS: THOSE WITH ONE SEMESTER REGISTER IN FRENCH 102; WITH THOS SEMESTERS, IN FRENCH 103; WITH THREE SEMESTERS, IN FRENCH 104. STUDENTS WITH CREDITS IN HIGH SCHOOLE FRENCH WHOSE PLACEMENT SCORE PUTS THEM BEYOND 104 AND STUDENTS WITH FOUR SEMESTERS OF COLLEGE FRENCH TAKEN ELSEWHERE MAY REGISTER IN THE 200-LEVEL COURSES BUT SHOULD BE GUIDED IN THE CHOICE OF COURSES BY AN ADVISOR IN THE DEPARTMENT OF FRENCH.

#### COURSES FOR UNDERGRADUATES

FR 101 ELEMENTARY COURSE, I.

FOR STUDENTS WHO HAVE NO CREDIT IN FRENCH. NO CREDIT TOWARD GRADUATION IS GIVEN FOR FR. 101 WITHOUT FR. 102. 4 HOURS

ALL STUDENTS IN THIS COURSE EXCEPT FOR THOSE IN SECTION PE2 MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY

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31013	LECT-	-DISC	Α		8			MTU	THE	309A	Н	Н	
31021	LECT-	-DISC	В		9			MTU	THE	309A	H	H	
31030	LECT-	DISC	C		10			MTU	THE	309A	Н	H	
31048	LECT-	DISC	D		11			UTM	THE	309A	Н	Н	
31056	LECT-	D2.1G	Y		12			MITH	THE	300 A	н	н	

LAB FR 102 ELEMENTARY COURSE, II.

LAB

LAB

PREREQUISITE: FR. 101 OR ONE YEAR OF HIGH SCHOOL FRENCH.

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530-6

5-530

TH F

TU £

ΤU F LH

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202 LH

202

T20

T21

T22

4 HOURS

31251

31269

31277

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE T3 TO T22 SECTIONS.

ENROLLMENT IN SECTION &EL IS RESTRICTED TO JAMES SCHOLARS AND

STUDENTS WHO RECEIVED A GRADE OF A IN FR. 101. 293 LECT-DISC AL 8 MTU THE LECT-DISC AL LECT-DISC A2 31293 8 206 31307 В MTU THE 262 LH 31315 LECT-DISC 81 9 MTU THE 206 н н B2 LECT-DISC 31323 9 MTU THE 262 ( H LECT-DISC 1.0 MTU THE 31331 C 1 206 H H LECT-DISC MILL THE 31340 262 - I H Di 31358 LECT-DISC 11 MTU THE 206 H H LECT-DISC 31366 D2 11 MIU THE 262 I H 31374 LECT-DISC X1 12 MTU THE 206 н н 31382 LECT-DISC X 2 12 MIU THE 262 L H 31641 LECT-DISC 8E1 MTU THE 206 н н 31391 LECT-DISC 1 MTU THE E2 262 LECT-DISC F1 MTU THE 31404 2 206 LECT-DISC MTU THE 206 H H 31412 G1 3 LECI-DISC MTU THE 31421 G2 3 262 L H LECT-DISC MIU THE 31439 H1 4 206 н н 8-830 31447 LAR T 3 TU F 202 L H 31455 LAB T 4 830-9 TU F 202 1 н 31463 LAB T 5 9-930 TU F 202 L н 31471 LAB T 6 930-10 TU F 202 н Ł 31480 LAB 10-1030 TU F 202 31498 LAB T 8 1030-11 ΤU F 202 Ł 31501 LAB T 9 11-1130 TU F 202 L 31510 LAB T10 1130-12 T11 F 202 -1 н LAR 12-1230 F 31528 T11 TH 202 1 E 31536 1230-1 202 LAB T12 TII L н 31544 LAB T13 1-130 TIL F 202 L н F 31552 LAB T14 130-2 311 202 L н 31561 LAB T15 2-230 TU F 202 Ł н 31579 LAB T16 230-3 TU F 202 Н 31587 LAB 3-330 TU F 202 Н T17 Ē 31595 LAB T18 330-4 ΤU 202 31609 LAB T19 4-430 TU 202 L 31617 LAB T20 430-5 TU 202 н Ł 5-530 F LAB 202 31625 T21 TU L H 31633 LAB 530-6 LH T22 TU

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FR
                MODERN FRENCH, I.
          PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH.
          4 HOURS
          ENROLLMENT IN &BZ IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO
          RECEIVED A GRADE OF A IN FRENCH 102.
          PRACTICE IN THE LANGUAGE LABORATORY IS OPTIONAL.
        31650
                    LECT-DISC
                                 Α1
                                                      MILL THE
        31668
                     LECT-DISC
                                  A2
                                                      MTU THE
                                                                   374
                                                      MTU THE
        31676
                     LECT-DISC
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                     LECT-DISC
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        31765
                                 С
        31684
                     LECT-DISC
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                                                      MTU THE
                     LECT-DISC
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        31692
                                 D
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                                 X1
                                                      MTU THE
                     LECI-DISC
                                                                   301
        31706
                                           12
                                           12
                                                      MIU THE
        31714
                    LECT-DISC
                                 X2
                                                                   374
                                                      MTU THE
                                                                   301
        31 722
                     LECT-DISC
                                 E1
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        31731
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                    L ECIT-DISC
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                     LECT-DISC
                                                     MILL THE
                                                                   301
        31749
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                                           3
        31757
                                                     MTU THE
                    LECT-DISC
                                 G
                                                                   301
                                                                         N I
               MODERN FRENCH, II.
FR
       104
          PREREQUISITE: FR. 103 OR THREE YEARS OF HIGH SCHOOL FRENCH.
          4 HOURS
          PRACTICE IN THE LANGUAGE LABORATORY IS OPTIONAL
          *ENROLLMENT IN SECTION &AZ IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FR. 103.
          REGISTRATION IN LECTURE-DISCUSSION/LAB COMBINATION SECTION PF1 IS
          LIMITED TO STUDENTS WHO HAVE PREVIOUSLY BEEN ENROLLED IN A PLATO
          SECTION.
          *STUDENTS REGISTERING IN FRENCH 104 ARE ASKED TO KEEP THE FOLLOWING
          IN MIND: SECTION ALEMPHASIZES THE NATURAL SCIENCES; SECTIONS C AND F2 EMPHASIZE FRENCH CIVILIZATION; SECTIONS G AND X2 EMPHASIZE THE
          SOCIAL SCIENCES.
        31838
                    LECT-DISC *AL
                                            8
                                                      MTU THE
                                                                   331
                                                                         ARMORY
                    LECT-DISC *EA2
                                                      MTU THE
                                                                   303
        31820
                                            8
                                                                         N I
                    LECT-DISC
                                                      MTU THE
        31773
                                            9
                                                                        N L
                                 R
                                                                   303
                    LECT-DISC *C
                                                      MTU THE
        31846
                                           10
                                                                   303
                                                                         N. L.
                                                      MTU THE
                    LECT-DISC D
        31781
                                           11
                                                                   303
                                                                        N I
                    LECT-DISC
                                                     MTU THE
        31790
                                 X 1
                                           12
                                                                   303
                                                                        N I
                    LECT-DISC *X2
                                                     MTU THE
                                                                         LH
        31862
                                           12
                                                                   302
                                           1 2
                                                     MIU THE
        31803
                    LECT-DISC
                                 E
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                                                                         N L
                                PF1
        31889
                    LECT-DISC
                                                      MTU THE
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                                                                         N I
                                                                                          PL ATO
                                 PF1
PF1
                    LAB
                                            3
                                                      M W
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                                                                                          PLATO
                                           10
                                                                   257
                                                                         ERL
                                                                                          PLATO
                    LECT-DISC *F2
        31854
                                                     MTU THE
                                                                   331
                                                                         ARMORY
                                            2
                    LECT-DISC *G
                                                     MTU THE
                                                                   303
        31871
                                            3
                                                                        N L
        31811
                    LECT-DISC
                                                     MTU THE
                                                                   303
FR
                INTENSIVE INTERMEDIATE FRENCH.
          PREREQUISITE: FR. 102 OR 105 OR EQUIVALENT.
          8 HOURS
        31897
                                                     MTU THE
                    LECT-DISC
                                           10-12
                                                                   204N H H
                                                                                          MEL VIN
FR
               READINGS IN FRENCH.
          PREREQUISITE: FR. 107.
          3 HOURS
        31901
                    1 FC T-DISC
                                          10
                                                                     3 G H
          CONVERSATIONAL FRENCH.
PREREQUISITE: FR. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL
ACHIEVEMENT EQUIVALENT TO FR. 103.
FR
          4 HOURS
        31919
                                                    MTU THE
                    LECT-DISC
                                                                  236 1 H
          CONVERSATIONAL PRACTICE.

PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH.
CONCURRENT REGISTRATION IN FR. 103 OR 104.
FR
          1 HOUR
          ALL STUDENTS IN THIS COURSE MUST ARRANGE FOR TWO HALF-HOUR
        LANGUAGE LABORATORY PERIODS.
31927 LECT-DISC B 9
31935 LECT-DISC X 12
                                                       TU TH
                                                                   204N H H
                                          12
                                                       TU TH
                                                                   216 L H
```

£β 199 UNDER GRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS \*SECTION A IS FOR INDEPENDENT STUDY. SECTION F 1S FOR THOSE RESIDING IN FRENCH HOUSE.
SECTION M IS FOR THOSE ENROLLED IN FRENCH 282. SECTION P IS FOR THOSE ENROLLED IN FRENCH TEACHER EDUCATION. CONF Α ARR CONF 31951 ARR 31960 CONF ARR 31978 CONF ARR COURSES FOR ADVANCED UNDERGRADUATES FR INTRODUCTION TO FRENCH LITERATURE, I. PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH. 3 HOURS \*ENROLLMENT IN &E IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104. LECT-DISC B 31986 302 9 LECT-DISC D LECT-DISC \*&E 31994 F 302 11 LH 302 32019 - 1 м W F L H LECT-DISC 32001 E M 302 L H FR INTRODUCTION TO FRENCH LITERATURE, II. PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH. 3 HOURS \*ENROLLMENT IN &E IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 201. LECT-DISC B 32027 9 G H LECT-DISC C 32035 10 м lef. F 302 32043 11 M W F 3 G H LECT-DISC \*&E LECT-DISC F 32060 М F 3 G H 32051 2 М F 3 GH SELECTIONS IN CONTEMPORARY FRENCH LITERATURE. FR PREREQUISITE: FR. 201 AND 202, OR EQUIVALENT. 2 HOURS \*DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS. 32078 LECT-DISC \*11 M W F 219 G H TALBOT FR ORAL FRENCH, I PREREQUISITE: FR. 104 OR 106, OR 103 AND 113, OR FOUR YEARS OF HIGH SCHOOL FRENCH. 3 HOURS PRACTICE IN LANGUAGE LABORATORY IS OPTIONAL. \*ENROLLMENT IN SECTION OF IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104. | WHO RECEIVED A | LECT-DISC A | LECT-DISC B1 | LECT-DISC B2 | LECT-DISC C | LECT-DISC D1 | LECT-DISC D2 | LECT-DISC D2 | LECT-DISC D2 | LECT-DISC D3 | LECT-DISC D4 | LECT-DISC D5 | LECT-DISC D5 | LECT-DISC D6 | LECT-DISC D6 | LECT-DISC D7 | LECT-D1S | 8 MIU THE 32 086 362 ARMORY 362 ARMORY 331 ARMORY 362 ARMORY 32294 9 MTU THE 32108 9 MTU THE 32116 10 MTU THE MTU THE 362 ARMORY 32124 11 331 ARMORY 32132 11 MTU THE 362 ARMORY 362 ARMORY 32141 1 2 MTU THE LECT-DISC \*&F MTU THE 32159 2 ORAL FRENCH, II. PREREQUISITE: FR. 211. FR 212 3 HOURS \*ENROLLMENT IN SECTION &E1 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 211. WHO RECEIVED
LECT-DISC A
LECT-DISC B
LECT-DISC C1
LECT-DISC C2
LECT-DISC D1
LECT-DISC D2 325 8 MTU THE 32167 MTU THE 32175 325 G H 32183 10 MTU THE 325 GH MTU THE 32191 10 331 ARMORY MTU THE 32205 325 11 G H 32213 11 236 L H LECT-DISC X 32221 12 MTU THE 325 LECT-DISC \*&E1 32272 MTU THE 325 1 LECT-DISC E2 LECT-DISC F 331 ARM 325 G H 32230 MTU THE ARMORY 32248 LECT-DISC MTU THE 32256 LECT-DISC MTU THE 325 LECT-DISC G 32264 MTU THE 325 G H

FR		POSITION, I. SITE: FR. 104 OR	106 OR FO	UR YEARS OF	HIGH SC	HOOL FRENCH	•
	32281	LECT-DISC C LECT-DISC C LECT-DISC F	8 1 0 1	TU TH TU TH TU TH	236 3 3	L H G H G H	
FR		POSITION, II. SITE: FR. 213.					
	32311 32329 32337 32345 32353	LECT-DISC C LECT-DISC D	8 9 10 11 2	TU TH TU TH TU TH TU TH TU TH	216 3 390 302 3	L H	
FR		FNSIVE COMPOSITIO SITE: FR. 104 OR		OUR YEARS OF	HIGH S	CHOOL FRENC	н.
	32361	LEC 1-DISC	3	MTU THE	302	L H	
FR	PR ER EQUI	ANCED ORAL FRENCH SITE: FR. 212.					
	32370 32388 32396	LECT-DISC A LECT-DISC C LECT-DISC E	8-10 10-12 1-3	MTU THE MTU THE MTU THE	308 308 308	L H L H L H	
FR		TEENTH CENTURY LI SITE: FR. 201 AND		DUI VALENT.			
	3 HOURS	LECT-DISC	2	M W F	374	L H	8. BOWEN
FR	224 FRE 3 HOURS	NCH LITERATURE OF	THE SEVE	NTEENTH CENT	URY, II	•	
		LECT-DISC	9	TU TH	236	L H	G. SAVIGNO
FR	228 FRE 3 HOURS	NCH LITERATURE OF	THE EIGHT	TEENTH CENTU	RY, II.		
	32426	LECT-DISC	10	TU TH	302	L H	V. BOWEN
FR	AND	NCH LITERATURE OF NATURALISM. SITE: FR. 201 AND		TEENTH CENTU	RY, II:	REALISM	
		T MEET DURING THE	PERIOD TH	EACHER TRAIN	ING MAJ	ORS ARE OFF	
		LECT-DISC	*2	M W F	219	G H	SHINALL
FR	234 FRE 3 HOURS	NCH LITERATURE OF	THE CONTE	EMPORARY PER	100, 11	•	
	32442	LEC T-DI SC	11	TU TH	390	LH	WANNER
FR	SAM	RODUCTION TO FREN LE AS HUMAN . 256 . L TO STUDENTS MAJO			NSLATIC	N, II.	
		LECT-DISC	10	M W F	219	G H	
FR	PREREQUI O TO 15 SECTION IS FOR A WORK IN	NCH ABROAD, II. SITE: FR. 261. HOURS A IS FOR ADVANCED DVANCED WORK IN L CIVILIZATION, 3 H LECT-DISC A LECT-DISC B LECT-DISC C	ANGUAGE, O				В
	32485	LECT-DISC C	ARR				

FR	REQUIRE	ACHERS COURSE. D FOR TEACHER-TRA ISITE: FR. 201 AN	INING MAJOR D 202, OR 2	S IN FRENCH 11 AND 212.	•	
	00ES NO	T MEET DURING THE	PERIOD TEA	CHER-TRAINI	NG MAJORS	
	32493 32507		1	M W F	236 L H 219 G H	MANDERA
FR	291 THE PREREQUI 2 HOURS	ESIS AND HONORS, ISITE: SENIOR STA	I. NDING.			
	32515	CONF	ARR			
		COURSES FOR	ADVANCED UN	DERGRADUATES	S AND GRADUATES	
FR	IT IS RI PREREQUI	CTION. ECOMMENDED THAT F ISITE: CONSENT OF OR 1/2 UNIT			N CONCURRENTLY.	
	32531	LECT-DISC C	10	TU TH	219 G H	LEROUX
	32540 32558	LECT-DISC C LECT-DISC E LECT-DISC F	1 2	TU TH TU TH	219 G H 219 G H 216 L H	VIENS
FR	IT IS RI PREREQUI	ONETICS. ECOMMENDED THAT F ISITE: CONSENT OF	R. 313 AND INSTRUCTOR	311 BE TAKEN	CONCURRENTLY.	₩
	32566	OR 3/4 UNIT LECT-DISC	11	TU TH	219 G H	MYERS
		LAB	11	M W F	257 E R L	
FR		NTAX.				
	3 HOURS	ISITE: FR. 213 AN OR 3/4 UNIT	D 214, OR 2	15, OR EQUIT	VALENT.	
	32574 32582	LECT-DISC B LECT-DISC F	9	M W F	219 G H 390 L H	
			_			
FR	336 FR!	ENCH CIVILIZATION OR 3/4 UNIT	, II.			
		OT MEET DURING TH	E PERIOD TE	ACHER TRAIN	ING MAJORS ARE	
		LECT-DISC	*10	MTUWTHE	236 L H	G. SAVIGNON
FR	382 LAI	NGUAGE LABORATORY	TECHNIQUES			
, ,	SAM PREREQUI COLLEGE	ME AS GER., SLAV. ISITE: THREE YEAR LEVEL, OR THE EQ	, AND SPAN. S OF MODERN	382.	NGUAGE AT THE	
		OR 1/2 UNIT LECT-DISC	3	TU TH	236 L H	
			COURSES FOR	GRADUATES		
FR	400 BEG	GINNING FRENCH FO	R GRADUATE	STUDENTS.		
	32612	LECT-DISC A	8	MTU THE	390 L H 3 G H 3 G H	BAKER BAKER
	32621 32639	LECT-DISC X LECT-DISC X LECT-DISC H	12	MTU THE	3 G H	DAKEK
FR	PREREQUI 4 HOURS	ADING FRENCH FOR ISITE: FR. 400, 0	R FR. 101 A	ND 102, OR I		
	32647 32655	LECT-DISC A LECT-DISC B	8	MTU THE	3 G H 390 L H	BAKER
	32663	LECT-DISC X	12	MTU THE	390 L H	
FR		E STUDY OF CULTUR ISITE: FR. 403 OR			AND LITERATURE, II.	
	32671	FEC 1-DISC	8-10	M W	236 L H 236 L H	NEL SON

FR		PLICATION DE TEXTES ISITE: GRADUATE STA		RENCH.		
		LECT-DISC	3	TU TH	390 L H	LEROUX
FR		UDIES IN SEVENTEENT ISITE: GRADUATE STA			ERATURE, II.	
		LECT-DISC	9	TU TH	219 G H	NEL SON
FR	440 STU	DDIES IN NINETEENTH	I CENTURY F	RENCH LITE	RATURE, II.	
	32701	LECT-DISC	11	TU TH	170 L H	VELAN
FR		DDIES IN TWENTIETH			ATURE, II	
		LECT-DISC	1-3	TU	236 L H	GRAY
FR	443 FRE	ENCH STUDIES.				
	32728	LECT-DISC	10	TU TH	374 L H	VIENS
FR	446 RES	SEARCH METHODS.				
		LECT-DISC	ARR			
FR	450 HIS PREREQUI 1 UNIT	STORICAL FRENCH GRA SITE: FR. 449; AN	MMAR. ELEMENTARY	KNOWLEDGE	OF LATIN.	
	32 744	LECT-DISC	1	M W F	429 LIB	KNUDSON
FR	456 STU	DIES IN RECENT FRE	NCH CRITIC	ISM.		
	32752	LECT-DISC	1-3	TH	236 L H	GRAY
FR		PROVENCAL LITERAT		INSTRUCTOR	•	
	32761	LECT-DISC	2	M W	236 L H	MAINOUS
FR	PREREQUI	INAR IN OLD FRENCH SITE: FR. 450. MAY BE REPEATED FO		E.		
	*1 UNIT TOPIC: L	ES CHANSONS DE GES LECT-DISC	TES.	u	300 L H	KNUDSON
						K11003011
FR	*COURSE *1 UNIT	INAR IN SIXTEENTH MAY BE REPEATED FO		ENCH LITER	ATURE.	
	32787	DONTAIGNE. LECT-DISC	3-5	W	308 L H	B. BOWEN
FR		IINAR IN EIGHTEENTH MAY BE REPEATED FO		RENCH LITE	RATURE.	
	TOPIC: D	DIDEROT. LECT-DISC	3-5	тн	308 L H	JOST
FR	*COURSE *1 UNIT	INAR IN NINETEENTH		RENCH LITE	RATURE.	
	SUBJECT: 32809	BALZAC. LECT-DISC	1-3	ы	308 L H	VELAN
FR		INAR IN TWENTIETH MAY BE REPEATED FO		ENCH LITER	ATURE.	
	SUBJECT:	ASPECTS DU THEATR LECT-DISC		NEMA CONTE	MPORAINS. 236 L H	JAHIEL

FR 486 SEMINAR IN PROUST, II.

PREREQUISITE: FR. 342 OR CONSENT OF INSTRUCTOR.

1/2 UNIT.

32825 LECT-DISC 3-5 TU 429 LIB

FR 491 INDIVIDUAL TOPICS.

PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN FRENCH.

1/4 TO 1 UNIT

\*SECTION A: EDUCATION SEMINAR.

\*SECTION B: INDEPENDENT STUDY.

\*SECTION 8: INDEPENDENT STUDY.
32833 LECT-DISC \*A 3-5 W 219 G H GRIFFITH
32841 LECT-DISC \*B ARR

KOLB

FR 499 THESIS RESEARCH.

0 TO 4 UNITS
32850 CONF ARR

#### GENERAL EDUCATION

STUDENTS WHO ENTER THE SCIENCE AND LETTERS CURRICULUM IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR WHO ENTER OTHER SCHOOLS AND SUBSEQUENTLY TRANSFER TO THE COLLEGE ARE REQUIRED TO COMPLETE AT LEAST ONE APPROVED SEQUENCE IN EACH OF THESE AREAS: HUMANITIES, BIOLOGICAL SCIENCE, PHYSICAL SCIENCE, AND SOCIAL SCIENCE.

THE FOLLOWING SEQUENCES HAVE BEEN APPROVED.

#### BIOLOGICAL SCIENCE

BIOL 100, 101
PHYSL 103 DR 203, PSYCH 103
OR ANY EIGHT HOURS OF COURSES OFFERED BY THE SCHOOL OF LIFE SCIENCES.
RECOMMENDED COURSES ARE: MCBIO 100 AND 101
BOT 100 OR 101 PHYSL 103 DR 203
ENTOM 103 ZOOL 104

HUMANITIES
A SIX HOUR SEQUENCE IN ONE FOREIGN LITERATURE AT THE 200 AND 300 LEVEL (NOT LANGUAGE COURSES).

ART 111, 112, PLUS EITHER
A 300 COURSE IN HISTORY
OF ART OR PHIL 323
CLCIV 110, 111, AND 112
CLCIV 301, 302
ENGL 101, 102, 103
HIST 323, 324
HIST 323, 324
HIST 323, 324
HIST 323, 324
HIST 321, 522
HUMAN 151, 152
HUMAN 211, 212
HUMAN 211, 212
HUMAN 215, 216
HUMAN 215, 216
HUMAN 215, 216
HUMAN 363, 364
HUMA

## PHYSICAL SCIENCE

ASTR 101, 102 MATH 118, 119 OR ANY
CHEM, ANY 8 HOURS OTHER 8 HOUR SEQUENCE
GEOG 102, 103 NOT INCLUDING MATH. 101
GEOL 101, 102 OR 118.
L A S 141, 142 MATH 124, 134
PHYCS, ANY 8 HOURS

#### SOCIAL SCIENCE

ANTH 100 AND 174

ANTH 261 AND ANY ONE
OF THE FOLLOWING
ANTH 101, 103 OR 174

ANTH 102, 103

ECON 108 AND ANY ONE
OR TWO OF THE FOLLOWING
COURSES: ECON 214, 240
255, 288, 328, 350

GEOG 104, 105
HIST 151, 152
HIST 191, 192

HIST 247, 248
HIST 260, 261, 262
PHIL 103, 104
POL S 150 ANC ANTH 174
POL S 184, 191
POL S 191, 192

PSYCH 100, OR 105 AND
ANY ONE OF THE FOLLOWING
ING: 201, 216, 248, 250
SOC 100 AND ANY ONE OF THE
FOLLOWING: 212, 218, 223
OR ANTH 174
SOC 151, 152 (OR 275)

#### GENERAL ENGINEERING

#### DEPARTMENT OFFICE

117 T B

#### COURSES FOR UNDERGRADUATES

ENGINEERING GRAPHICAL COMMUNICATION. GE 1.01 PREREQUISITE: PLANE GEOMETRY. \*CREDIT IS NOT GIVEN FOR G. E. 101 IN ADDITION TO G. E. 103 OR G. E. 105. \*3 HOURS LAB-DISC F9 9-12 TU TH 216 T B 32868

103 ENGINEERING GRAPHICS, I. \*CREDIT IS NOT GIVEN FOR G. E. 103 IN ADDITION TO G. E. 101 OR 105. \*3 HOURS GE

32 876	LAB-DISC	A2	8-10	M W	F	303	T	В
32884	LAB-DISC	A6	8-10	H W	F	316	T	В
32892	LAB-DISC	A11	8-10	M W	F	114	T	В
32906	LAB-DISC	B2	10-12	M W	F	303	T	В
32914	LAB-DISC	86	10-12	R W	F	316	T	В
32922	LAB-DISC	B11	10-12	M W	E	114	T	В
32931	LAB-DISC	C 1	1-3	M W	F	302	T	В
32949	LAB-DISC	C9	1-3	M W	F	216	T	В
32957	LAB-DISC	C11	1-3	H W	F	114	T.	В
32965	LAB-DISC	D1	3-5	M W	F	302	T	В
32973	LAB-DISC	D6	3-5	M W	F	316	T	В
32981	LAB-DISC	D11	3-5	M W	F	114	T	В
32990	LAB-DISC	E11	8-10	TU T	H S	114	T	В
33006	LAB-DISC	F11	10-12	TU T	H S	114	T	В
33014	LAB-DISC	€G1	1-4	TU 1	TH .	302	T	В
33022	LAB-DISC	693	1-4	TU 1	'H	316	T	В

104 ENGINEERING GRAPHICS, II.
PREREQUISITE: G. E. 103 OR EQUIVALENT. GE 3 HOURS

\*STUDENTS IN SECTION F3 WILL WORK WITH STUDENTS IN G. E. 242. 33031 LAB-DISC C2 1-3 M W F 303 T B 33049 LAB-DISC C3 1-3 M W F 305 T B 33065 LAB-DISC \*F3 9-12 TU TH 305 T B 33057 LAB-DISC F6 9-12 TU TH 316 T B

105 ELEMENTS OF DRAWING. G F PREREQUISITE: PLANE GEOMETRY. \*CREDIT IS NOT GIVEN FOR G. E. 105 IN ADDITION TO G. E. 101 OR 103. \*3 HOURS 207

33073 LAB-DISC B8 10-12 33081 LAB-DISC C7 1-3 33090 LAB-DISC G9 1-4 M W F M W F TU TH 201 T B 216 T B

O7 GEOMETRY FOR ARCHITECTS.
PREREQUISITE: PLANE GEOMETRY. GE 2 HOURS

33103 LAB-DISC C8 1-3 M W F 207 T B

G E 108 GEOMETRY FOR ARCHITECTS. PREREQUISITE: G. E. 107. 2 HOURS LAB-DISC A8 8-10 M W F 207 T B GE UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS 33120 CONF Δ ARR COURSES FOR ADVANCED UNDERGRADUATES GE GRAPHICAL CALCULATIONS. PREREQUISITE: G. E. 103 OR EQUIVALENT, MATH. 123. 1 HOUR 33146 HISTORY OF ENGINEERING. PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS LECT-DISC B 10 M W F
LECT-DISC C 11 M W F
LECT-DISC D 2 M W F
LECT-DISC D 10-1120 TU TH
LECT-DISC G 1-220 TU TH 33154 33162 206 T B 33171 206 T B 33189 33197 I INTRODUCTION TO GENERAL ENGINEERING DESIGN. PREREQUISITE: G. E. 103 AND 104, CREDIT OR REGISTRATION IN G F T. A. M. 150. 3 HOURS 33201 LECT-DISC A9 8-10 M W F 216 T B
33219 LECT-DISC B9 10-12 M W F 216 T B O ENGINEERING ASPECTS OF CONTEMPORARY SOCIETY.

PREREQUISITE: SENIOR STANDING, OR CONSENT OF INSTRUCTOR. 3 HOURS 3-420 TU TH 33227 LECT-DISC H 206 T B ENGINEERING ANALYSIS, I. PREREQUISITE: G. E. 221, T. A. M. 211.
3 HOURS G E 232 ENGINEERING ANALYSIS, II. PREREQUISITE: G. E. 231, T. A. M. 221. 4 HOURS 33251 LECT-DISC A 9 MTU THF 302 T B 33260 LECT-DISC C 1 MTU THF 203 T B COMPONENT DESIGN. PREREQUISITE: G. E. 232, T. A. M. 224. 4 HOURS 8-10 M F 9 W 1-3 M F 306 33278 LECT-DISC A4 TB 306 T B A4 LECT-DISC C4 1-3 306 T B 33286 C4 PROJECT DESIGN.
PREREQUISITE: G. E. 241, 288. 3 HOURS 33294 LECT-DISC A 9-12 TU TH 306 T B GE INTRODUCTION TO PATENT LAW. PREREQUISITE: SENIOR STANDING. 206 T B 206 T B

ECONOMIC ANALYSIS FOR ENGINEERING DECISION MAKING. G F PREREQUISITE: JUNIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR. 3 HOURS 33324 305 10 206 T B DISC 33332 CONTRACTS AND SPECIFICATIONS GF 290 PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE.

\*\* \*CREDIT IS NOT GIVEN FOR G. E. 290 IN ADDITION TO G. E. 292. \*2 HOURS LECT-DISC L TU TH 305 33341 TU TH 33359 LECT-DISC P 1.1 305 F H GE GENERAL ENGINEERING SEMINAR. 291 PREREQUISITE: SENIOR STANDING IN GENERAL ENGINEERING. O CREDIT 33367 LECT-DISC A 3-5 203 T.R. G E 2 ENGINEERING LAW.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE, OR 292 CONSENT OF INSTRUCTOR. \*CREDIT IS NOT GIVEN FOR G. E. 292 IN ADDITION TO G. E. OR C. E. 290. \*3 HOURS LECT-DISC A 33375 206 T B 33383 GE 293 SPECIAL PROBLEMS. PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR. 1 TO 4 HOURS \*SECTION G IS MORPHCLOGY OF DESIGN. CREDIT --- 3 HOURS. CONF ARR 1-4 33391 В 33405 CONF \* G TU 306 T B COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES G F PROFESSIONAL EXPRESSION. PREREQUISITE: ADVANCED OR GRADUATE STANDING AND CONSENT OF INSTRUCTOR. INSTRUCTOR.
3 OR 4 HOURS, OR 1 UNIT
4 EQUIVALENT OF ANOTHER WEEKLY MEETING ARRANGED AT CONVENIENCE
OF STUDENTS REGISTERING FOR FOUR HOURS OF CREDIT.

1 FCT-DISC D \*11 M W F 305 T B 33413 LECT-DISC D GF INDUSTRIAL STANCARDIZATION. PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTURCTOR. 2 HOURS OR 1/2 UNIT LECT GE INTRODUCTION TO RELIABILITY ENGINEERING. 334 SAME AS I. E. 334.

PREREQUISITE: I. E. 333 OR MATH. 361 OR EQUIVALENT WITH CONSENT OF INSTRUCTOR.

3 HOURS, DR 3/4 OR 1 UNIT

1430 LECT-DISC 11 M W F 243 M E 33430 243 M E B AIR POLLUTION SEMINAR.
SAME AS AG. E., C. E., GEOG., M. E., U. P., AND V. M. S. 348. GF PREREQUISITE: SENIOR OR GRADUATE STANDING. 2 HOURS OR 1/2 UNIT 33448 LECT-DISC 218 M E B

G E 393

3 SPECIAL PROBLEMS. PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.

1 TO 4 HOURS, OR 1/4 TO 1 UNIT \*SECTION A IS FOR GENERAL ENGINEERING STUDENTS

\*SECTION &B IS AN HONORS SECTION.
\*SECTION C IS TECHNIQUES AND APPLICATIONS IN ENGINEERING DESIGN ANALYSIS. CREDIT -- 3 HOURS.

\*SECTION 2 IS OPTIMIZATION IN ENGINEERING DESIGN. CREDIT--3 HOURS. \*SECTION F IS SCIENCE OF AEROSPACE. PREREQUISITE: EDUCATION

MAJOR. CREDIT-3 HOURS OR 1 UNIT.
SECTION G IS MORPHOLOGY OF DESIGN. CREDIT-3 HOURS OR 1 UNIT.
456 CONF \*A ARR

33456 33464 CONE \*EB ARR ARR 33472 CONF \*C 33481 CONE \*D APP CONF

33499 \*F ARR 33502 LECT-DISC G 1-4 TU 306 T B

#### GEOGRAPHY

#### DEPARTMENT OFFICE

220 D H

MAJOR: TWENTY HOURS IN GEOGRAPHY IN ADDITION TO GEOGRAPHY 103. AT LEAST FIFTEEN OF THE TWENTY HOURS MUST BE IN COURSES CARRYING ADVANCED CREDIT. INDIVIDUAL PROGRAMS ARE ARRANGED FOR MAJOR STUDENTS WITH THE FCLLOWING SPECIAL INTERESTS: LIBERAL EDUCATION, BUSINESS, CARTOGRAPHY, GOVERNMENT, TEACHING, OR GRADUATE STUDY. THESE PROGRAMS INCLUDE DEPARTMENTAL COURSES, HINDR FIELDS, AND RECOMMENDED ELECTIVES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS IN DEPARTMENTS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED IN CONSULTATION WITH THE DEPARTMENTAL ADVISER AND WITH THE APPROVAL OF THE DEAN OF THE COLLEGE. AT LEAST EIGHT HOURS OF THE TWENTY MINOR HOURS MUST BE TAKEN IN EACH IF THE STUDENT ELECTS TO MINOR IN TWO DIFFERENT DEPARTMENTS.

DEPARTMENTAL DISTINCTION: STUDENTS ELIGIBLE FOR GRADUATION WITH HONGRS IN LIBERAL ARTS AND SCIENCES SHOULD CONSULT WITH THE DEPARTMENTAL ADVISER CONCERNING GRACUATION WITH DISTINCTION IN GEOGRAPHY.

#### COURSES FOR UNDERGRADUATES

#### GEOG 102 PHYSICAL GEOGRAPHY, I.

4 HOURS

\*SECTION &2 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

33511	LECT	N	10	TU TH	314	Α	Н
33529	QUIZ	1	8-10	M	323	D	Н
33618	ZIUP	*82	8-10	W	323	D	Н
33537	QUIZ	3	8-10	TU	323	D	Н
33545	QUIZ	4	8-10	TH	323	D	Н
33553	ZUIZ	5	1-3	W	323	D	Н
33561	QU12	6	1-3	F	323	D	Н
33570	QUIZ	7	8-10	F	323	D	Н
33588	QUIZ	8	1-3	TH	323	D	Н
33596	ZIUG	9	3-5	W	323	D	Н
33600	QUIZ	10	1-3	M	323	D	Н

NUNNALLY

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A HOURS
          *SECTION &5 IS RESERVED FOR JAMES SCHOLARS AND OTHER
          SUPERIOR STUDENTS.
                    LECT
                                                                                     JOHNSON
        33626
                                         9
                                                    THE TH
                                                               314
                                                                    A H
                                         11
        33634
                    LECT
                                p
                                                    TU TH
                                                               314
                                                                     A H
                                                                                     JOHNSON
        33642
                    LAB-DISC
                                 1
                                          8
                                                               175
                                                                     D H
                                          8-10
                                                               175
                                                                     DH
        33651
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                   LAB-DISC
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                   LAB-DISC
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GEDG 104
               WORLD REGIONAL GEOGRAPHY.
         4 HOURS
         *SECTION &12 IS RESERVED FOR JAMES SCHOLARS AND OTHER
         SUPERIOR STUDENTS.
       33804
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              INTRODUCTORY ECONOMIC GEOGRAPHY.
GERG
      105
         4 HOURS
         *SECTION &2 IS RESERVED FOR JAMES SCHOLARS AND OTHER
          SUPERIOR STUDENTS.
       33936
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                                                                    BUR HALL
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                    QUIZ
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       34010
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        33952
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       34001
                    QUIZ
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              UNDERGRADUATE HONORS SEMINAR.
GEOG
         PREREQUISITE: FRESHMAN HONORS STUDENT.
         3 HOURS
       34 02 8
                   LECT-DISC &G1
                                                 TU
                                         3-5
                                                               219 D H
                                                                                     RHSSELL
GEOG
              UNDERGRADUATE OPEN SEMINAR.
         *MAY BE REPEATED.
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PHYSICAL GEOGRAPHY, II.

GEOG 103

STAFF

ARR

\*0 TO 9 HOURS

CONF

34036

# COURSES FOR ADVANCED UNDERGRADUATES

AND

GEOG	201 ADVANCED PHYSICAL GEOGRAPHY. PREREQUISITE: GEOG. 103 OR CONSENT OF INSTRUCTOR. 3 HOURS	
		AL EXANDER
GEDG	210 GEOGRAPHY IN WORLD AFFAIRS.	
	3 HOURS 34052 LECT-DISC C 10 TU 223 G H C 10-12 TH 223 G H	FELLMANN, THOMPSON
GEOG	214 CONSERVATION OF NATURAL RESOURCES.	
	3 HOURS 34061 LECT-DISC 2 M W F 119 M M B	воотн
GENG	220 THE HISTORICAL GEOGRAPHY OF NORTH AMERICA. PREREQUISITE: FOR JAMES SCHOLARS AND OTHER QUALIFIED STUDENTS. 3 HOURS	
	34079 LECT-DISC 3-5 W 219 D H	JAKLE
GEOG	272 INTRODUCTORY FIELD GEOGRAPHY. 5 TO 8 HOURS 34087 CONF ARR	ALEXANDER
	COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES	
GEOG	332 GEOGRAPHY OF SOUTH AMERICA. 3 HOURS OR 3/4 UNIT	
	3 HOURS OR 3/4 UNIT 34095 LECT-DISC A 1 M W F 113 D H	THOMPSON
	AIR POLLUTION SEMINAR.  SAME AS AG. E., C. E., G. E., M. E., U. P., AND V. M. S. 348.  PREREQUISITE: SENIOR OR GRADUATE STANDING.	
	2 HOURS OR 1/2 UNIT 34109 LECT-DISC 3-5 W 218 M E B	PIERSON
GEOG	361 GEOGRAPHY OF AGRICULTURAL LAND UTILIZATION.	
	3 HOURS OR 3/4 UNIT 34117 LECT-DISC B 9 M W F 8 C A	FOSTER
GEOG	365 GEOGRAPHY OF TRANSPORTATION.	
	3 HOURS OR 3/4 UNIT 34125 LECT-DISC F 11 M W F 113 D H	воотн
GEOG	366 LOCATION OF INDUSTRY AND OTHER ECONOMIC ACTIVITIES: THEORY AND PRACTICE.	
	3 HOURS OR 3/4 UNIT 34133 LECT-DISC A 9 M W F 113 D H	ROEPKE
GEOG	372 INTRODUCTION TO RESEARCH, II.	
	2 HOURS OR 1/2 UNIT 34141 CONF ARR	STAFF
GEOG	373 MAP COMPILATION AND CONSTRUCTION.	
	4 HOURS OR 1 UNIT 34150 LAB F · 2-5 M W 318 D H	FOSTER
GEOG	PROBLEMS IN HUMAN ECOLOGY. SAME AS ANTH., H. ED., PHYSL., PSYCH., SOC., AND V.M.S. 374.	
	PREREQUISITE: ANTH-, GEOG-, H- ED-, PHYSL-, SOC-, V-M-S- OR ZOOL- 369- 4 HOURS OR 1 UNIT	
	*ONE DISC HOUR TO BE ARRANGED. 34168 LECT-DISC *11 M W F 393 BEV HALL	STAFF

GEOG 378 DESCRIPTIVE INTERPRETATION OF REMOTE SENSORS. TWO HALF-DAY SATURDAY FIELD TRIPS ARE REQUIRED.
4 HOURS OR 1 UNIT 34176 LECT-DISC TU TH 2 NUNNALLY 2 TU TH 3-5 TU TH 3-5 M M 324 D H LAB 1 2 34184 LAB 34192 GEOG 383 URBAN GFOGRAPHY.
3 HOURS OR 3/4 UNIT
34206 LECT-DISC G 1-215 TU TH 113 D H FELLMANN 386 POLITICAL GEOGRAPHY. 3 HOURS OR 3/4 UNIT 34214 LECT-DISC F 2 M W F 113 D H AUGELL I COURSES FOR GRADUATES GEOG 412 ANALYTICAL CLIMATOLOGY. PREREQUISITE: GEOG. 111, 313, OR EQUIVALENT, CONSENT OF INSTRUCTOR. 1 UNIT 10 M W F 323 D H 34222 LECT-DISC LAHEY PROPRES IN CARTOGRAPHY.

PREREQUISITE: GEOG. 373 OR CONSENT OF INSTRUCTOR. GEOS 473 1 UNIT 34231 CONF ARR 318 D H FOSTER GEOG 495 ADVANCED STUDIES IN GEOGRAPHY. 1/2 TO 2 UNITS WORK MAY BE TAKEN IN THE FOLLOWING FIELDS: WORK MAY BE TAKEN IN THE FULLUWING FIELDS:
PHYSICAL GEOGRAPHY, AFRICA, AGRICULTURAL ORIGINS
CULTURAL, LATIN AMERICA
ASIA, RESOURCE MANAGEMENT, TRANSPORTATION
URBAN, U. S. S. R.
D FELLMAN ASIA, RESOURCE MANAGEMENT, TRANSPORT
URBAN, U. S. S. R.
MIDDLE EAST, ADVANCED CARTOGRAPHY
ANGLO AMERICA, POLITICAL GEOGRAPHY, REGIONALISM
ECONOMIC GEOGRAPHY, INDUSTRIAL LOCATION, EUROPE D FELLMAN
E FOSTER
F GARLAND
G ROEPKE
H RUSSELL
I SHIMKIN
J THOMPSON
K LAHEY
L JOHNSON
M JAKLE
O ROSEMAN
S SCHEIDEGG
W WIENS HUMAN ECOLOGY, U. S. S. R. LATIN AMERICA GEOMORPHOLOGY, METEOROLOGY
GEOMORPHOLOGY, SOILS, PALEOECOLOGY, ZOOGEOGRAPHY
HISTORICAL, SOCIAL AND CULTURAL GEOGRAPHY
HISTORICAL, SOCIAL AND CULTURAL GEOGRAPHY SOCIAL GEOGRAPHY, MIGRATION, QUANTITATIVE METHODS GE OMOR PHOLOGY SCHEIDEGGE ASIA, HISTORICAL ALEXANDER AUGELLI 800 TH FELLMANN ENSTER GARLAND ROEPKE RUSSELL SHIMKIN THOMPSON LAHEY LOHNSON TAKLE ROSEMAN SCHEIDEGGER WIENS GEOG 497 DEVELOPMENT OF GEOGRAPHIC THOUGHT. 1/2 UNIT 7-9PM M 34401 LECT-DISC R 219 D H JAKLE, ROSEMAN GEOG 499 THESIS RESEARCH.
0 TO 4 UNITS 34419 CONF ARR STAFF

LAS CUPRICULUM IN GEOLOGY: A TOTAL OF 130 HOURS OF CREDIT INCLUDING THE FULLOWING COURSES: GEOLOGY 101, 102, 215, 301 OR 307 OR 357, 311, 320, 321, 331, 332, 335 AND 336; CHEMISTRY 101 AND 102 OR CHEMISTRY 107 AND 108; PHYSICS 106, 107 AND 108; MATHEMATICS 120, 130 AND 140 AND 8 HOURS OF BIOLOGICAL SCIENCE.

#### LAS GENERAL CURRICULUM:

MAJOR: NOT LESS THAN TWENTY HOURS IN GEOLOGY, EXCLUDING ALL 100-LEVEL GEOLOGY COURSES EXCEPT GEOLOGY 115. INCLUDED MUST BE GEOLOGY 331 AND 332 OR GEOLOGY 233, GEOLOGY 320 AND 321 OR GEOLOGY 222, GEOLOGY 215, AND AT LEAST ONE ADDITIONAL 300-LEVEL COURSE IN GEOLOGY.

IN ADDITION THE STUDENT MUST COMPLETE EITHER CHEMISTRY 101 OR 107, PHYSICS 101 OR 106, AND MATHEMATICS 120.

MINORS: TWENTY HOURS CHOSEN FROM ONE OR TWO OF THE FOLLOWING SUBJECTS: ANTHROPOLOGY, ASTRONOMY, BOTANY, CHEMISTRY, CIVIL ENGINEERING, ECONOMICS, GEOGRAPHY, MATHEMATICS, MINING ENGINEERING, PHYSICS, AND ZOOLOGY, AFTER CONSULTATION WITH THE DEPARTMENT OF GEOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

DEPARTMENTAL DISTINCTION: STUDENTS WHO MAINTAIN A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL GEOLOGY COURSES AND 4.0 IN ALL OTHER SCIENCE AND MATHEMATICS COURSES, AND WHO COMPLETE AN ACCEPTABLE BACHELOR'S THESIS BASED ON UNDERGRADUATE RESEARCH ARE RECOMMENDED FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

AT LEAST ONE YEAR OF GRADUATE WORK IS NECESSARY AS FURTHER TRAINING FOR ALL PROFESSIONAL WORK IN GEOLOGY. STUDENTS INTERESTED IN OCEANOGRAPHY SHOULD CONSULT WITH ADVISERS IN THE DEPARTMENT OF GEOLOGY.

## COURSES FOR UNDERGRADUATES

GEOL 101 PHYSICAL GEOLOGY.
FIELD TRIP, ESTIMATED COST \$2.00.

FIELD TRIP, ESTIMATED COST \$2.00.
4 HOURS

STUDENTS ENROLL IN LAB-DISC/LECTURE COMBINATION.
\*SECTION 65 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR
STUDENTS. ADMISSION TO THIS SECTION REQUIRES CONCURRENT
REGISTRATION IN GEOLOGY 111.

THIS COURSE IS INTENDED PRIMARILY FOR STUDENTS NOT MAJORING IN SCIENCE.

34427 LAB-DISC 8-10 TU 251 В W F 228 NHB LECT 9 TU 34435 LAB-DISC 2 10-12 251 F 228 LECT В W 34443 LAB-DISC 3 1-3 TU 251 ₩ 228 В LECT B 9 м N H 3-5 TU 34451 LAB-DISC 4 251 M W E LECT В 9 228 N H 1-3 **\$**3\$ TU 34516 LAB-DISC 120 N H LECT \*B q M W £ 228 В 34460 LAB-DISC 6 8-10 TH 251 N H LECT В F 228 9 34478 LAB-DISC 7 10-12 251 N H В F 228 LECT В 34486 LAB-DISC 8 1-3 TH 251 LECT В 9 М F 228 Н 3:494 LAB-DISC 9 3-5 TH 251 N H B 228 LECT В 9 М F NHB LAB-DISC 34508 10 3-5 251 NHB LECT м E В 9 W 228 NHR

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HISTORICAL GEOLOGY.
   PREREQUISITE: GEOL. 101 OR 105 OR 250, OR L. A. S. 142.
   FIELD TRIP, ESTIMATED COST $5.50.
   4 HOURS
   STUDENTS MUST REGISTER IN ONE LAB-DISC/LECT COMBINATION.
   *HONGRS STUDENTS MUST REGISTER IN ONE G15 LAB-DISC/LECT COMBINATION AND MUST REGISTER CONCURRENTLY IN GEOL 112.
   *SECTIONS A AND F ARE INTENDED PRIMARILY FOR STUDENTS WHO PLAN TO
   MAJOR IN GEOLOGY OR IN OTHER SCIENCE; SECTION C IS INTENDED PRIMARILY FOR STUDENTS NOT MAJORING IN SCIENCE.
            LAB-DISC 1
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 34532
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        AGRICULTURAL GEOLOGY.
  PREREQUISITE: ONE SEMESTER OF CHEMISTRY.
FIELD TRIP, ESTIMATED COST $2.00.
   4 HOURS
   STUDENTS ENROLL IN ONE LAB/QUIZ/LECT COMBINATION.
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                                                          BUR HALL
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GEOL

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GEOL 111 HONORS: PHYSICAL GEOLOGY.

PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS SECTIONS OF GEOL. 101, JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
2 DAY FIELD TRIP.
1 HOUR
34753 LAB-DISC &A ARR 147 N H B

GEOL	112 HONORS: HISTO PREREQUISITE: CONC GEOL. 102, JAMES S 2 DAY FIELD TRIP. 1 HOUR	URRENT REGISTRAT	ION IN THE HI T OF INSTRUC	ONORS L	ABORATORY OF	
	34761 LAB-DISC	٤A ARR		120	N H B	SANDBERG
GEOL	PREREQUISITE: GEOL *CREDIT IS GIVEN O REPORT:	. 101, 105, OR 2	50, OR L. A. N OF A SATIS	S. 142 FACTORY	?. Y WRITTEN	
	*2 HOURS 34770 LAB-DISC	ARR		229	N H B	PRIDE
GEOL	199 UNDERGRADUATI *MAY BE REPEATED. *0 TO 9 HOURS 34788 CONF	OPEN SEMINAR.				STAFF
		URSES FOR ADVANC	ED UNDERGRADI	UATES		31411
GEOL	233 MINERALS AND PREREQUISITE: CHEM *CREDIT NOT ALLOWE *4 HOURS	. 101, GEOL. 102	OR CONSENT 233 AND 331	OF INS	STRUCTOR.	
	34796 LECT LAB	9 10-12	TU TH TU TH	2 <b>29</b> 2 <b>08</b>	N H B N H B	HAGNER
GEOL	290 RESEARCH AND CREDIT TO BE ARRAN	THESIS.				
	34800 CONF	ARR				STAFF
	COURSE	S FOR ADVANCED U	NDERGRADUATE	S AND (	GRADUATES	
GE OL	311 STRUCTURAL GE PREREQUISITE: GEOL 2 DAY FIELD TRIP. 4 HOURS OR 1 UNIT	OLOGY. . 102, G. E. 205	, OR CONSENT	OF INS	STRUCTOR.	
	34818 LECT 34826 LAB	10 1 1-3	M W F	229 147	N H B	WOOD
	34834 LAB 34842 LAB	2 3-5	TU TH	147	N H B N H B	
	31012		• • • • • • • • • • • • • • • • • • • •			
GEOL	PREPARATION OF A R PREREQUISITE: GEOL 2 TO 8 HOURS, OR 1	EPORT 215.				
	34851 CONF	ARR				STAFF
GFOL	PREREQUISITE: GEOL 4 HOURS OR 1 UNIT					
	34869 LECT 34877 LAB	1 8-10	M W F TU	229 120	N H B N H B	LANGENHE IM MANN
	34885 LAB 34893 LAB	2 10-12 3 10-12	TU TH		N H B N H B	
GFOL	332 MINERALOGY-PE PREREQUISITE: GEOL 4 HOURS OR 1 UNIT	. 331.				
	34907 LECT 34915 LAB	1 1-3	M W TU TH		N H B N H B	D. ANDERSON
	34923 LAB 34931 LAB	2 3-5 3 8-10	TU TH		N H B N H B	
GEOL	336 PETROGRAPHY. PREREQUISITE: GEOL	. 335.				
	4 HOURS OR 1 UNIT 34940 LECT LAB	9 3-5	TU TH TU TH		N H B N H B	HENDERSON

GEOL 351 GEOPHYSICAL PROSPECTING. SAME AS MIN. F. 351.

PREREQUISITE: SENIOR STANDING IN ENGINEERING OR GEOLOGY, OR CONSENT. OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT M W F 403 M M B DE WITTE 360 CHEMISTRY OF THE EARTH.
PREREQUISITE: GEOL. 332.
3 HOURS OR 3/4 UNIT GEOL ANDERSON, T. 34966 LECT M W E 229 N H B AND GRAF COURSES FOR GRADUATES GEOL PALEDECOLOGY. PREREQUISITE:
1 UNIT
34974 LECT PREREQUISITE: GEOL. 320 OR EQUIVALENT. 11 M W F 236 N H B COLLINSON 1-3 TU 236 N H B LAB GEOL 426 MICROPALEONTOLOGY: DSTRACODA. PREREQUISITE: GEOL. 320 OR ZOOL. 320. 1 UNIT TU TH 34982 LECT 10 138 N H B SANDBERG STRUCTURAL MINERALOGY. GEOL 431 PREREQUISITE: GEOL. 430 AND CONSENT OF INSTRUCTOR.
1 UNIT 34991 109 N H B GUVEN 109 N H B HENDERSON LECT 2-4 LAB 432 SEDIMENTARY GEOCHEMISTRY. GEOL PREREQUISITE: GEOL. 360 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR; SOME BACKGROUND IN PHYSICAL CHEMISTRY DESIRABLE. 1 UNIT 35007 LECT 1.1 M W F 109 N H B GRAF GEOL 444 MINERAL DEPOSITS, II.
PREREQUISITE: GEOL. 443. 1 UNIT 35015 3-5 LAB-DISC M W 208 N H B HAGNER PRACTICE OF ENGINEERING GEOLOGY.
PREREQUISITE: GEOL. 450 AND C. E. 383, OR CONSENT OF INSTRUCTOR.
THREE OR FOUR DAY FIELD TRIP TO VISIT ENGINEERING CONSTRUCTION GFOL PROJECTS IS INTEGRAL PART OF COURSE. 1 UNIT 35023 LAB-DISC S 316 N H B DEERE. PATTON ADVANCED HYDROGEOLOGY.
PREREQUISITE: GEOL. 455. I UNIT 35031 3-5 TU TH 315 N H B DOMENICO MARINE GEOTECHNIQUE. PREREQUISITE: GEOL. 437 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT 35040 LECT LAB M W F 134 N H B KLEIN, STANLEY ARR GEOL 488 ADVANCED STRUCTURAL GEOLOGY.

PREREQUISITE: GEOL. 311, OR CONSENT OF INSTRUCTOR.

1 UNIT 10-12 TU 147 N H B 10-12 TH 147 N H B 35058 LECT DONATH, WOOD

'.AB-DISC

GERL	493	ADVANCED STUD	TEC TA	CEDIO	cv
GEIIL		TO 2 UNITS	7163 11	GEOLO	01.
	1,2	ACLAY MINER	ALOGY		
		BENGINEER IN		OGY	
		CGEOMORPHOL			TAL GEOLOGY
		DGEOTECTON !			
		EGROUND-WAT	ER GEO	LOGY	
		FMICROPALEC	NTOLOG	Υ	
		GMINERAL DE	POSITS		
		HMINERALOGY		RYSTALI	LOGRAPHY
		IPAL EDNTOLO			
		JGEOCHEMIST			
		KGEOPHYSICS			
		LPETROGRAPH		PETRULI	BGY
		MSEDIMENTOL			
		NSTRATIGRAP		005411	THE INTERNITION
		P SUBMARINE			ENGINEERING
		QSTRUCTURAL			
	35.066	CONF	A	ARR	
	35074	CONF	B	ARR	
	35082	CONF	C	ARR	
	35091	CONF	D	ARR	
	35104	CONF	E	ARK	
	35112	CONF	F	ARR	
	35121	CONF	G	ARR	
	35139	LECT	Н	ARR	
		CONF	Н	ARR	
	35147	LECT	I	ARR	
		CONF	1	ARR	
	35155	LFCT	J	ARR	
	37177	CONF	J	ARR	
		00141	9	MININ	
	35163	CONF	K	ARR	
	35171	CONF	L	ARR	
	35180	CONF	M	ARR	
	35198	CONF	N	ARR	
	35201	CONF	C	ARR	
	25212	CONE		400	
	35210		p.	ARR	
	35228	CONF	Q	ARR	
GEOL	499	THESIS RESEAR	CH.		
SEGE		4 UNITS	on.		
		CONE		ADD	

35236 CONF

GUVEN DEERE, PATTOS WHITE, JOHNS CAROZZI, WOOD DOMENICO COLLINSON, HI & SANDBERG HAGNER GUVEN GUVEN HENDERSON HAVLENA BLAKE, HAY & LANGENHEIM, SANDBERG HOLDER T. ANDERSON GRAF DONATH, HOLDE PALCIAUSKAS D. ANDERSON CHAPMAN CAROZZI KLEIN STANLEY LANGENHEIM HAY, KLEIN STANLEY KLEIN, STANLE DONATH, WOOD

STAFF

ARR

#### GERMAN

#### GERMANIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 371 L H

MAJOR: TWENTY-FOUR HOURS IN GERMAN, EXCLUDING GERMAN 101, 102, 103, 104, AND 113, AND INCLUDING GERMAN 302, 303, 320, AND DNE OTHER LITERATURE COURSE AT THE 300-LEVEL.

MINORS: THENTY HOURS IN NOT MORE THAN TWO SUBJECTS CHOSEN FROM THE FOLLOWING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT: EDUCATION, ENGLISH TEXCLUDING RHET. 101, 102, AND 2001, FRENCH, GREEK, HISTORY, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS (EXCLUDING LING. 301), MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SCANDINAVIAN, AND SPANISH. THE FIRST SEMESTER OF ANY FOREIGN LANGUAGE (FR. 101, GRK. 101, ITAL. 101, LAT. 101, PORT. 101, RUSS. 101, SPAN. 101) MAY NOT BE COUNTED TOWARD A MINOR TN. THAT LANGUAGE. IN THAT LANGUAGE.

#### COURSES FOR UNDERGRADUATES

GER	101	ELEMENTAR	Y COURSE, 1	I .					
	*N0	CREDIT TOW	ARD GRADUAT	TION I	S GIVEN	FOR GER .	101	WITHOUT	GER.

102.

\*4 HOURS STUDENTS MUST REGISTER FOR ONE LECTURE, ONE LECTURE-DISCUSSION AND FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY,

SELECTING	ONE SECTIO	N FROM	1 THE M3-M29	9 S E	CTIONS.		-	
35244	LECT	C2	10	TU		101	AF	MORY
35252	LECT	D2	11	TU		101	AF	MORY
35261	LECT	E2	1	TU		101	AF	MORY
35279	LECT-DISC	Ä	8	M	le TH	186	Ł	Н
35287	LECT-DISC	В	9	M	WTH	223	D	к н
35295	LECT-DISC	Cl	10	M	WTH	388	Ł	H
35309	LECT-DISC	D1	11	M	WTH	329	G	H
35317	LECT-DISC	El	1	M	WTH	396	L	H
35325	LECT-DISC	F1	2	M	WTH	111	G	H
35333	LECT-DISC	G	3	М	WTH	329	G	Н
35341	LAB	M 3	8-830	M	H	202	Ł	Н
35350	LAB	M 4	830-9	H	W	202	L	H
35368	LAB	M 5	9-930	M	W	202	L	H
35376	LAB	M 6	930-10	M	W	202	L	Н
35384	LAB	M 7	10-1030	M	W	202	L	H
35392	LAB	M 8	1030-11	M	H	202	L	H
35406	LAB	M 9	11-1130	M	W	202	L	H
35414	LAB	M10	1130-12	М	W	202	L	Н
35422	LAB	M11	12-1230	74	W	202	L	H
35431	LAB	M12	1230-1	M	H	202	L	H
35449	LAB	M13	1-130	М	W	202	L	H
35457	LAB	M14	130-2	M	W	202	L	Н
35465	LAB	M15	2-230	M	W	202	L	H
35473	LAB	M16	230-3	М	W	202	L	H
35481	LAB	M17	3-330	M	let	202	L	H
35490	LAB	M18	330-4	M	H	202	L	H
35503	LAB	M19	4-430	M	W	202	L	H
35511	LAB	M20	430-5	М	H	202	L	H
35520	LAB	M21	5-530	M	W	202	L	H
35538	IAB	M22	530-6	M	N	202	L	H
35546	LAB	M25	7-73CPM	М	M	202	L	H
35554	LAB	M26	730-8PM	4	W	202	L	H
35562	LAB	M27	8-830PM	M	Sec.	202	L	H
35571	LAU	M28	830-9PM	M	Si .	202	Ĺ	H
35589	LAB	M2 9	ARR			202	L	H

#### GER

ELEMENTARY COURSE, II.

PREREQUISITE: GER. 101 OR ONE YEAR OF HIGH SCHOOL GERMAN. 4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M29 SECTIONS.

\*EMPHASIS IS ON READING IN SECTIONS A2, B2, C2, AND F2. 35597 LECT-DISC A1 LECT-DISC \*A2 162 L H 270 L H MIUWIH 8 36053 8 MTUWTH LECT-DISC B1 35601 9 MITUWITH 111 G H 36061 9 MITHER

SER	102 C	ONTINUED								
31. 1	35619	LECT-DISC	В3	19	MIL	нты	304	G	Н	
	35627	LECT-DISC	B4	9		WTH	210A		В	
	35635	LECT-DISC	Cl	10		JWTH	329		н	
	36070	LECT-DISC	*C2	10		JWTH	396		В	
	35643	LECT-DISC	C3	10		WTH	138		DHIN	
	35651	LECT-DISC	D1	1.1		JWTH	370		Н	
	35660	LECT-DISC	C2	1.1		IWTH	388	L	н	
	35678	LECT-DISC	D3	11	MTU	WTH	430	A	RMOR	Υ
	35686	LECT-DISC	D4	11		HTW	432	Al	RMOR	Υ
	35694	LECT-DISC	X1	12	MTU	WTH	270	L	Н	
	35708	LECT-DISC	X2	12	MIL	JWTH	336	L	R	
	35716	LECT-DISC	Х3	12	MTU	WTH	162	L	H	
	35724	LECT-DISC	E1	1	MTU	HTW	162	L	Н	
	35732	LECT-DISC	E2	1	MIL	HTW!	223	D	K H	
	35741	LECT-DISC	E3	1	MTU	HTW	210A	Ε	В	
	35759	LEC T-DISC	€4	1	MIL	JWTH	325	D	KH	
	35767	LECT-DISC	Fi	2	MITU	WTH	223	0	K H	
	36088	LECT-DISC	*F2	2	MTU	WTH	388	Ł	H	
	35775	LECT-DISC	F3	2		IWTH	210A		В	
	35783	LECT-DISC	G1	3		WTH	223	D	K H	
	35791	LEC T-DISC	G2	3	MTU	WTH	210	C	Α	
	35805	LAB	M 3	8-830	M	W	2 02	ſ	H	
	35813	LAB	M 4	830-9	М		202	L	H	
	35821	LAB	M 5	9-930	M	W	202	L	Н	
	35830	LAB	M 6	930-10	М	M	202	1	Н	
	35848	LAB	M 7	10-1030	M	W	202	L	H	
	35856	LAB	M 8	1030-11	M	W	202	L	H	
	35864	LAB	M 9	11-1130	М	W	202	L	Н	
	35872	LAB	M10	1130-12	M	W	202	L	H	
	35881	LAB	M11	12-1230	M	W	202	L	Н	
	35899 35902	L A B L A B	M12	1230-1 1-130	M	W	202	L	H	
	35911	LAB	M14	130-2	M	W	202	L	H	
	35929	LAB	M15	2-230	M	W	202	L	Н	
	35937	LAB	M16	230-3	М	W	202	L	Н	
	35945	LAB	M17	3-330	М	W	202	L	В	
	35953	LAB	M18	330-4	M	8	202	L	Н	
	35961	LAB	M19	4-430	M	W	202	L	Н	
	35970	LAB	M20	430-5	м	W	202	L	В	
	35988	LAB	M21	5-530	М	H	202	Ĺ	Н	
	35996	LAB	M22	530-6	M	W	202	L	Н	
	36002	LAB	M2 5	7-730 PM		W	202	Ĺ	Н	
	36011	LAB	M26	730-8PM	14	W	202	L	н	
	36029	LAB	M27	8-830 PM		W	202	L	В	
	36037	LAB	M28	830-9PM	М	H	202	L	H	
	36045	LAB	M29	ARR			202	Ĺ	В	
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C

GER

36231

36240

36258

36266

36274

LAB

LAB

LAB

LAB

LAB

INTERMEDIATE COURSE, I.
PREREQUISITE: GER. 102, TWO YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT. 4 HOURS \*SECTION D IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE \*SECTION D IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE. STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE SPECIAL C2 SECTION OF GERMAN 104. ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABCRATORY, SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS. 36096 LECT-DISC 8 MIUWIH 36100 LECT-DISC В MTUWTH 201 N L LECT-DISC MTUWTH 36118 10 162 LH LECT-DISC \*D 36401 1.1 MITWITH 210 CA MTUWTH 36126 LECT-DISC X 12 329 Н LECT-DISC 36134 F 1 MIUWIH 201 N LECT-DISC 36142 F 2 MTUWTH 396 1 н LECT-DISC 36151 G 3 MTUWTH 111 G н M 3 8-830 36169 LAB 202 L 36177 LAB M 4 830-9 М 202 36185 LAB M 5 9-930 202 36193 LAB M 6 930-10 202 36207 LAB 10-1030 202 H 36215 LAB M 8 1030-11 202 L 11-1130 36223 LAB M 9 W 202 L

1130-12

1230-1

130-2

12-1230

1-130

W

M10

MII

M12

M13

M14

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L H

202 1

202 LH

202

202 L H

202 LH

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M15
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30-3 M W
3-330 M W
               36282 LAB
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                36291 LAB
36302 LAB
36312 LAB
36321 LAB
36339 LAB
36347 LAB
36355 LAB
36363 LAB
36371 LAB
36380 LAB
36398 LAB
                 36291
                                          LAB
                                                                    M16
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5-530
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                                                                     M25
                                                                                       7-730PM M
                                                                                        7-730PM M W 8-830PM M W W
                                                                                                                                        202
                                                                    M25 7-730PM
M26 730-8PM
M27 8-830PM
M28 830-9PM
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                                        LAB
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                                                                                                                                                   1 H
                    4. INTERMEDIATE COURSE, II.
PREREQUISITE: GER. 103, OR THREE YEARS OF HIGH SCHOOL GERMAN, OR
GER
             104+
                     FOUTVALENT.
                     4 HOURS
                     *SECTION C2 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE.
                     STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE SPECIAL D SECTION OF GERMAN 103.
                     *SECTION X2 IS EXPOSITORY READING TO SUCCEED GER. 123.
                              TION X2 IS EXPOSITORY READIN
LECT-DISC A 8
LECT-DISC B1 9
LECT-DISC B2 9
LECT-DISC C1 10
LECT-DISC C2 10
LECT-DISC D2 11
LECT-DISC D2 11
LECT-DISC X1 12
LECT-DISC X2 12
LECT-DISC C3 11
LECT-DISC C4 12
LECT-DISC C5 11
LECT-DISC C7 12
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LECT-
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                 36762
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                 36452
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                 36461
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                 36771
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                 36487
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M 3 8-83C
M 4 830-9
M 5 9-930
M 6 930-10
M 7 10-103C
M 8 1030-11
M 9 11-1127
M10 1127
                 36495
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8-830
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M20 430-5 M

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M22 530-6 M

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M26 730-8 PM M

M27 8-830PM M

M28 830-9 PM M
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GER
                               READINGS IN GERMAN.
                    PREREQUISITE: GER. 103, OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO GER. 103.
                     3 HOURS
                36789
                                        LECT-DISC
                                                                                                          M WTH
                                                                                                                                      111 G H
                                                                                                                                                                                     ALLEN
                                                                   F
                    CONVERSATIONAL GERMAN.
PREREQUISITE: GER. 103, OR A PLACEMENT SCORE SHOWING HIGH SCHOOL
ACHIEVEMENT EQUIVALENT TO GER. 103.
GER
                     4 HOURS
                36797
                                       LECT-DISC E
                                                                                                         MTUWTH 336 L H
                                                                                                                                                                       FOLTER
                    PRACTICE IN CONVERSATION.

PREREQUISITE: GER. 102 OR EQUIVALENT. STUDENTS WHO HAVE COMPLETED
              113
GER
                     GER. 104 MAY ENROLL ONLY WITH DEPARTMENTAL PERMISSION.
                2 HOURS
36801 LECT-DISC M
36819 LECT-DISC P
                                                                                                             TU TH
TU TH
                                                                                                                                      388 L H
270 L H
                                                                                                                                                                                 PABISCH
PABISCH
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GER

103

CONTINUED

939	123 INTERMEDIATE COURSE. PREREQUISITE: GER. 102, TWO YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT. 4 HOURS	
		S CHWAL BE
GER	199 UNDERGRADUATE OPEN SEMINAR. *MAY BE REPEATED. *O TO 9 HUNRS SECTION M TOPIC: GERMAN LYRICS FOR BEGINNERS.	
	36835 CONF ARR 36843 LECT-DISC M 9 TU TH 162 L H	HAILE
	COURSES FOR ADVANCEC UNDERGRADUATES	(
	COUNSES FOR ADVANGED ONDERGRADUATES	
GER	201 GERMAN LITERATURE SINCE 1648 IN ENGLISH TRANSLATION. SAME AS HUMAN. 210. 3 HOURS	
	NO KNOWLEDGE OF GERMAN REQUIRED.	DELL ORTO
GER	210 MASTERPIECES OF GERMAN LITERATURE. PREREQUISITE: TWO YEARS OF COLLEGE GERMAN OR EQUIVALENT. 3 HOURS	
	36860 LECT-DISC B 9 M W F 186 L H 36878 LECT-DISC C 10 M W F 186 L H 36886 LECT-DISC E 1 M W F 332 ARMORY	GRAY MCGLATHERY
	36886 LECT-DISC E 1 M W F 332 ARMORY	
G∈ ₽	211 CONVERSATION AND WRITING, I. PREREQUISITE: GER. 103 AND 113, OR GER. 104, OR EQUIVALENT. 3 HOURS	
	REGION LECT-DISC EL 2 MINUTH 162 LH	GERL ACH
	36908 LECT-DISC F2 2 MTUWTH 270 L H 36916 LECT-DISC G 3 MTUWTH 186 L H	
GFP	212 CONVERSATION AND WRITING, II.  PREREQUISITE: GER. 211 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.  3 HOURS	
	36924 LECT-DISC 1 F1 MTUWTH 262 L H 36932 LECT-DISC F2 2 MTUWTH 201 N L	
	3 HOURS 36924 LECT-DISC 1 F1 MTUWTH 262 L H 36932 LECT-DISC F2 2 MTUWTH 201 N L 36941 LECT-DISC G1 3 MTUWTH 336 L H 36959 LECT-DISC G2 3 MTUWTH 118 L H	
GER	250 THE GERMAN NOVELLE OF THE NINETEENTH CENTURY. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	
	36967 LECT-DISC C 10 H W F 370 L H	FIGGE
GER	251 THE GERMAN NOVELLE OF THE TWENTIETH CENTURY. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	
	36975 LECT-DISC 8 9 M W F 329 G H	SCHWALBE
GER	253 TWENTIETH CENTURY GERMAN DRAMA. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	
	36983 LECT-DISC E 1 M W F 329 G H	KNUST
GER	270 TWENTIETH CENTURY GERMAN LITERATURE. PREREQUISITE: GER. 210 OR EQUIVALENT. 3 HOURS	
	WILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD. 36991 LECT-DISC E 1 MTUWTHF 370 L H	LORBE
GFR	281 TEACHERS COURSE.  PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.	
	3 HOURS WILL NOT MEET DURING SIY WEEK STUDENT TEACHING PERIOD. 37008 LECT-DISC X *12 M W F 186 L H	GERLACH

292 SENIOR THESIS AND HONORS COURSE, II.

PREREQUISITE: SENIOR STANDING, CONSENT OF INSTRUCTOR.

2 TO 4 HOURS
37016 COMF ARR GER

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

	0000323 700 40	, , , , , , , , , , , , , , , , , , ,	TO CHOICE	3 440 31140 31143	
GER	302 GERMAN LITERATURE SIN	NCE 1700.			
	PREREQUISITE: GER. 210 AND OR EQUIVALENT.	ONE OTHE	R COURSE IN	GERMAN LITERATURE	
	3 HOURS OR 3/4 UNIT				
	37024 LECT-DISC E	1	M W F	270 L H	FREY
GER	303 ADVANCED CONVERSATION				
	PREREQUISITE: GER. 211 AND 3 HOURS OR 1/2 UNIT				
	37032 LECT-DISC F 37041 LECT-DISC G	2	MIUWIH	336 L H	FOLTER
	37041 [ECT-DISC G	3	MIUWIH	270 L H	FOLTER
GER	304 ADVANCED CONVERSATION				
GER	WILL NOT MEET DURING SIX-	VEEK STUDE	NT TEACHING	PERIOD.	
	PREREQUISITE: GER. 303 OR	EQUIVALEN	NT.		
	1 HJUR OR O UNIT 37059 LECT-DISC F	1	TU TH	270 L H	SCHIER
GER	305 MODERN GERMAN POETRY				
	PREREQUISITE: GER. 210 AND EQUIVALENT, OR CONSENT OF	INSTRUCTO	R LITERATURE	E COURSE, OR	
	3 HOURS OR 3/4 UNIT	1113110010	DN 6		
	37067 LECT-DISC D	11	M W F	111 G H	LORBE
GFR	365 GERMAN PHONOLOGY AND PREREQUISITE: THREE YEARS			R FOREVALENT.	
	3 HOURS OR 3/4 UNIT				
	37075 LECT-DISC D	11	MTUWTHE	162 L H	ANT ONS EN
GER	366 GERMAN SYNTAX. PREREQUISITE: GER. 365 OR	CONSENT O	F INSTRUCTOR	8.	
	3 HOURS OR 3/4 UNIT				
	37083 LECT-DISC C	10	MTUWTHE	270 L H	RAUCH
GER	PREREQUISITE: TWO ADVANCES		IN GERMAN L	ITERATURE.	
	4 HOURS, OR 3/4 OR 1 UNIT				
	*SECTION F TOPIC: DAS JUNG *SECTION S TOPIC: LITERAT!			SITY AND COMMUNITY	
	CONTEXT.				
	SECTION Y TOPIC: GOETHE ST SECTION Z TOPIC: INTERPRET	41101 05	TEXTS OF 191	TH CENTURY.	
	37091 LECT-DISC *F 37105 LECT-DISC *S 37121 LECT-DISC *Y 37113 LECT-DISC *Z	2	M W F	186 L H	SCHWALBE
	37105 LECT-DISC *S 37121 LECT-DISC *Y 37113 LECT-DISC *Z	ARR	1 H	221 G H	HAILE HAILE
	37113 LECT-DISC *Z	7-10PA	4 M	429 LIB	BURKHARD
	C	URSES FOR	R GRADUATES		
GER	400 BEGINNING GERMAN FOR 4 HOURS	GRADUATE	STUDENTS.		
	37130 LECT-DISC A	8	MTUWTH	370 L H	
	37148 LECT-DISC E	1	MTUWTH	388 L H	FON WEARINGA
GER	PREREQUISITE: GER. 400 OR	FOULVAL EN	E STUDENTS.		
	4 HOURS				
	*SECTION X1 DOES READINGS SCIENCES. SECTION X2 DOES				AL
	37156 LECT-DISC A	8	M W F	111 G H	FON WEARINGA
	37156 LECT-DISC A 37164 LECT-DISC *X1 37172 LECT-DISC *X2	12	MWF	370 L H	RAUCH SCHWALBE
	STEEL ELECT DISC VAZ	1.6	, n f	770 6 11	JOHNALUL

GER 416 MIDDLE HIGH GERMAN LITERATURE. PREREQUISITE: GER. 415 OR EQUIVALENT. 1 UNIT 37181 LECT-DISC C 10-1130 TU TH 169 A H GRAY 420 HISTORY OF THE GERMAN LANGUAGE. PREREQUISITE: GER. 365. I UNIT 37199 LECT-DISC D 11 M W F 270 1 H RAUCH 431 GERMAN LITERATURE FROM 800 TO 1400. GER 1 UNIT TOPIC: GOTTFRIED VON STRASSBURG. 37202 LECT-DISC B 9 M W F 388 L H MARCHAND 52 GERMAN LITERATURE FROM THE TWENTIES TO THE PRESENT. PREREQUISITE: GER. 301 AND 302 OR EQUIVALENT. 1 UNIT 37211 LECT-DISC C 1.0 TU TH 111 G H SCHIER SEMINAR IN MODERN GERMAN LITERATURE. GER 461 SAME AS C. LIT. 482. PREREQUISITE: GER. 411 AND 495. I UNIT \*SECTION & TOPIC: EMBLEM LITERATURE. 37229 LECT-DISC F 2-5 F 429 LIB 37237 LECT-DISC \*Z 7-10PM TU 429 LIB GRAY STEGEMEIER

GER 493 RESEARCH IN SPECIAL TOPICS. \*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS. \*1/4 TO 2 UNITS 37245 CONF

499 THESIS R THESIS RESEARCH. GER 37253 CONF ARR

GMC

#### GERMANIC

#### GERMANIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE

#### COURSES FOR UNDERGRADUATES

9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS SECTION B TOPIC: DUTCH. 37270 LECT-DISC B 9 MIUWIH 336 L H FON WEARINGA

### COURSES FOR ACVANCED UNDERGRADUATES AND GRADUATES

GMC INTRODUCTION TO GERMANIC LINGUISTICS. SAME AS LING. 367.
PREREQUISITE: COMPLETION OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT. SOME KNOWLEDGE OF GERMAN DESTRABLE. 2 HOURS OR 1/2 UNIT 37288 LECT-DISC B TU TH 216 L H ANTONSEN

#### COURSES FOR GRADUATES

467 RUNOLOGY.
PREREQUISITE: GMC. 465, OR CONSENT OF INSTRUCTOR. GMC 1 UNIT 37296 LECT-DISC C 10 M W F 336 L H ANTONSEN GREEK

DEPARTMENT OFFICE

361 L H

MAJOR: TWENTY HOURS. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE.

MINURS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (LATIN BEING ESPFCIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

CREDIT FOR NEW TESTAMENT GREEK TRANSFERRED FROM OTHER INSTITUTIONS IS NOT COUNTED TOWARD A MAJOR OR MINOR UNTIL AFTER THE SATISFACTORY COMPLETION OF GREEK 201-202 AND THEN ONLY TO A POSSIBLE MAXIMUM OF EIGHT HOURS AS THE EQUIVALENT OF GREEK 101-102 AND THREE HOURS AS THE EQUIVALENT OF ONE SEMESTER OF GREEK 391.

#### COURSES FOR UNDERGRADUATES

PREREQUISITE: GRK. 101 OR EQUIVALENT. GRK 4 HOURS

362 L H 37300 TAYLOR LECT-DISC A 11 MTUWTH

ELEMENTARY KOINE GREEK. GRK

\*NO CREDIT TOWARD GRADUATION IS GIVEN FOR GREEK 111 WITHOUT GREEK 112. \*4 HOURS

37318 LECT-DISC A 2 MIUWIH 209 D K H ROBBINS

99 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. GRK

\*0 TO 9 HOURS 37326 CONE

ARR

#### COURSES FOR ADVANCED UNDERGRADUATES

OO INTERMEDIATE KOINE GREEK.
PREREQUISITE: GRK. 112 OR EQUIVALENT. CRK

4 HOURS

LECT-DISC A 2 MTUWTH 430 ARMORY RAINER 37334

GRK SECOND-YEAR GREEK, II.
PREREQUISITE: GRK. 201 OR EQUIVALENT.

4 HOURS 37342 MTUWTH LECT-DISC A 11 209 D K H BRIGHT

GRK

SENIOR THESIS.

OPEN TO CANDIDATES FOR DISTINCTION IN GREEK.
PREREQUISITE: SENIOR STANDING.

2 TO 4 HOURS

37351 CONF

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

STAFF

GRK THIRD-YEAR GREEK, PREREQUISITE: GREEK 301. 3 HOURS OR 1/2 UNIT

37369 LECT-DISC A 11 M W F 394 L H JACOB SON

GRK 312 SIGHT TRANSLATION.
PREREQUISITE: GRK. 202 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT
37377 LECT-DISC A 9 M W F 362 L H NACHMIDES

GRK 384 EPIC POETRY. PRESERVISITE: GRK. 302 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT
17385 LECT-DISC A 1 M W F 433 ARMORY MARCOVICH 37385 UNLESS OTHERWISE NOTED, THE PREREQUISITE TO ALL COURSES IS THREE YEARS OF COLLEGE GREEK. COURSES FOR GRADUATES GRK 417 BAC BACCHYLIDES. 37393 LECT-DISC A 9-11 TU TH 409 LTB NAGUMIDES 4 HOURS OR 1 UNIT STUDIES IN PATRISTIC GREEK LITERATURE. CEK 3-5 37407 LECT-DISC A 394 L H SCHOEDEL GRK 491 DIRECTED READING. PREREQUISITE: SECOND YEAR GRADUATE STANDING.
\*NO STUDENT MAY OFFER MORE THAN L UNIT OF CREDIT IN THIS COURSE TOWARD THE DEGREE OF PH. D. 1/4 TO 1 UNIT 415 CONF 37415 ARR STAFF BIBLIOGRAPHY AND CRITICISM, II. GRK SAME AS LAT. 496. PREREQUISITE: FOUR YEARS OF COLLEGE LATIN OR EQUIVALENT. 1/2 UNIT 37423 LECT-DISC A TU TH 409 LIB OLIVER 499 THESIS RESEARCH.
0 TO 4 UNITS GRK 37431 CONF ARR STAFF HEALTH EDUCATION DEPARTMENT OFFICE 114 HUEE CYM COURSES FOR UNDERGRADUATES F ED 110 PUBLIC HEALTH. (FORMERLY HEALTH SCIENCE 110).
PREREQUISITE: TWO HOURS CREDIT IN HEALTH SCIENCE OR HEALTH
EDUCATION OR SOPHOMORE STANDING. 2 HOURS 37440 LECT-DISC P 11 TU TH 144 BEV HALL

O®ROURKE H ED 150 HEALTH AND MODERN LIFE. PREREQUISITE: CREDIT OR REGISTRATION IN ZOOL. 104, OR CONSENT OF INSTRUCTOR. 3 HOURS LECT-DISC A
LECT-DISC D
LECT-DISC E 37458 O'ROURKE 207 H G 154 ARMORY 37466 11 be BROWN H G CONLEY 37474 211 COURSES FOR ADVANCED UNDERGRADUATES

MENTAL HEALTH. H ED 200 (FORMERLY HEALTH SCIENCE 200). 2 HOURS LECT-DISC P LECT-DISC R 37482 11 TU TH 393 BEV HALL STUBING
1 TU TH 144 BEV HALL BOSTROM 37491

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6 SEX EDUCATION AND FAMILY LIFE.
(FORMERLY HEALTH SCIENCE 206).
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
           2 HOURS
          INSTRUCTORS TEACHING H. ED. 206 ARE BOSTROM, CAVINS, CONLEY, GENT, KIERSCH, STUBING, TEIGLER, AND YOUNG.

504 LECT-DISC A 8 M W 393 BEV HALL
                                                                          BEV HALL
BEV HALL
        37504
                                                                                           YOUNG
                                                      M W W W
        37512
                     LECT-DISC
                                   В
                                             Q
                                                                    393
                                                                                            O* ROURKE
                                                                    393
        37521
                    LECT-DISC
                                            10
                                                                          BEV HALL
                                                                                           KIERSCH
        37539
                    LECT-DISC
                                                                    393
                                                                          BEV HALL
                                                                                            YARDY
        37547
                     LECT-DISC
                                                                    393
                                                                          BEV HALL
                                                                                            TEIGLER
        37555
                     LECT-DISC
                                             8
                                                        TU TH
                                                                    393
                                                                          BEV HALL
                                                                                            CAVINS
                                                      TU TH
        37563
                    LECT-DISC
                                             9
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                                                                          BEV HALL
                                                                                            TEIGLER
        37571
                     LECT-DISC
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0 11
                                                        TU TH
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                                                                          BEV HALL
                                                                                            OFROURKE
                                                                    152 ARMORY
393 BEV HALL
393 BEV HALL
                                                        TU TH
                                                                                            BROWN
                     LECT-DISC
        37598
                    LECT-DISC
                                                        TU TH
                                                                                           CONLEY
                   LECT-DISC
                                            2
                                                        TU TH
                                                                                           TEIGLER
        37601
H ED 250 SPECIAL PROBLEMS.
          PRETEQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD.
          *2 OR 3 HOURS
        37610
                  LAB-DISC D1
                                                                                           STONE
                                         ARR
H ED 260 HONORS SEMINAR.
          SAME AS P. E. M., P. E. W., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
          PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD
          OF DEPARTMENT
          *MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
          *2 HOURS
          SECTION EX1 TOPIC: CURRENT PRUBLEMS IN PHYSICAL EDUCATION.
          SECTION &XZ TOPIC: INTRODUCTION TO RESEARCH.

628 LECT-DISC &XI 7-9PM W

636 LECT-DISC &XZ 7-9PM W
        37628
                                                                    207B FREER GYM
                                                                     15 F 8
        37636
H FD
              FIRST AID.
      281
          2 HOURS
                LECT-DISC L
LECT-DISC N
LECT-DISC R
LECT-DISC R
LECT-DISC S
        37644
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                                                                                            SWANSON
                                                                    211 H G
211 H G
211 H G
211 H G
                                           10
        37652
                                                        TU TH
                                                                                           GOVERNAL I
        37661
                                            11
                                                        TU TH
                                                                                            WINDSOR
        37679
                                            1
                                                        TU TH
                                                                                            O * ROURKE
        37687
                                             2
                                                        TU TH
                                                                    211
                                                                          H G
                                                                                            WINDSOR
              ORGANIZATION OF SCHOOL HEALTH PROGRAMS.
          3 HOURS
          *ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN
          ROOM 400 HUFF GYM.
                    LECT-DISC A
LECT-DISC D
LECT-DISC F
                                                                                          BROWN
        37695
                                                                    211 H G
        37709
                                           11
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                                                                    211 H G
209 H G
                                                                                           OL SEN
                                                          W
        37717
                                                                                            CONLEY
         PREREQUISITE: ADVANCED STANDING.
H ED 285
          2 HOURS
LECT-DISC T
                                                       TU TH 207 H G
        37725
                                         3
                                                                                           CONL FY
H FD
               CONCEPTS OF HEALTH, AGING, AND LONGEVITY.
          PREREQUISITE: HL. SC. 104, 110, PHYSL. 103.
          2 HOURS
        37733
                    LECT-DISC R
                                                        TU TH
                                                                  207A H G
                                                                                           STONE
               PRINCIPLES OF HEALTH EDUCATION.
          PREREQUISITE: H. ED. 282.
          3 HOURS
          *ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN
          RODM 400 HUFF GYM.
        37741 LECT-DISC B
                                          Q
                                                     M W F 207 H G
                                                                                           BROWN
H ED 289
         9 HEALTH EDUCATION FIELD WORK.
PREREQUISITE: JUNIOR STANDING IN COMMUNITY HEALTH EDUCATION.
          O CREDIT
        37750
                    LAB-DISC
                                         ARR
                                                                                           OL SEN
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H ED 206

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

H ED	374 PROBLEMS IN HUMAN ECOLOGY.  SAME AS ANTH., GEOG., SOC., PHYSL., PSYCH., V.M.S. 374.  PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S., OR ZOOL. 369.	
	4 HOURS OR 1 UNIT *ONE DISC HOUR TO BE ARRANGED. 37768 LECT-DISC *11 M W F 393 BEV HALL	LEVINE
H ED	390 PUBLIC HEALTH EDUCATION.  PREREQUISITE: SENIOR OR GRADUATE STANDING IN HEALTH EDUCATION OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT	
	37776 LECT-DISC N 10-12 TU 154 ARMORY	OLSEN
H ED	391 PUBLIC HEALTH STATISTICS.  PREREQUISITE: MATH. 161, OR EDPSY. 390, OR EQUIVALENT. 2 HOURS OR 1/2 UNIT	
	37784 LECT-DISC N 10-12 S 207A H G	BRIDGER
H ED	392 HEALTH AND SAFETY EDUCATION IN THE ELEMENTARY SCHOOL. PREREQUISITE: ONE YEAR OF BIOLOGICAL SCIENCE. 3 HOURS OR 1/2 UNIT	
	37792 LECT-DISC H 4-6 W 146 ARMORY	STONE & O'REILLY
	COURSES FCR GRADUATES	
H ED	401 PROBLEMS IN SCHOOL HEALTH EDUCATION.	
		CRESWELL
H ED	490 SEMINAR. PREREQUISITE: H. ED. 495. O CREDIT	
	37814 LECT-DISC ARR 400 H G	HUFFMAN
H ED	493 SPECIAL PROJECTS. PREREQUISITE: EDPSY. 390, P. E. 495, AND H. ED. 400 OR EQUIVALENTS, DOCTORAL CANDIDATE. 1/2 OR 1 UNIT	
	172 UR I UNII 1 37822 LECT-DISC ARR	STAFF
H ED	499 THESIS RESEARCH. PREREQUISITE: H. ED. 495. 1/2 TO 2 UNITS	
	37831 CONF ARR	STAFF

## HEBREW. MODERN--SEE MODERN HEBREW

HEBREW

DEPARTMENT DEFICE

361 L H

CCURSES FOR UNDERGRADUATES

HEB? 111 INTRODUCTION TO BIBLICAL HEBREW.

PREREQUISITE: HEBR. 110.
4 HOURS
37849 LECT-DISC A

1 MTUWTH 394 L H

MARBLESTONE

HIGHER EDUCATION

DEPARTMENT DEFICE

341 ARMORY

COURSES FOR GRADUATES

HI ED 442 JUNIOR COLLEGE. SAME AS VOTEC. 442.

1 UNIT

37857

7-9PM W LECT-DISC 330 ARMORY O\*BANION

HI ED 443 THE THE COLLEGE STUDENT.

37865 LECT-DISC 1-3 W 331 ARMORY STAFF

THE AMERICAN COLLEGE AND UNIVERSITY. H1 ED 467 1 UNIT

330 ARMORY 37873 LECT-DISC 630-930PM M FLEY

HI EO 477 STUDENT PERSONNEL WORK IN GLOBELY
1 UNIT
37881 LECT-DISC 10-12 TU 153 ARMORY

HT ED 479 ORGANIZATION AND CONTROL OF HIGHER EDUCATION.
PREREQUISITE: HI. ED. 442, 467, OR EQUIVALENT.

1 UNIT 37890 LECT-DISC 5-9 TU 330 ARMORY ANDERSON

O INTERNSHIP IN THE ADMINISTRATION OF HIGHER EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT 37903 CONF

STAFF

#### HINDI

DEPARTMENT OFFICE

309H D H

### COURSES FOR ADVANCED UNDERGRADUATES

FLEMENTARY HINDI, II. PREREQUISITE: HINDI 201.

5 HOURS

STUDENTS REGISTER FOR THE LECTURE AND ONE DISCUSSION.

OPEN TO FRESHMEN.

37911 152 ARMORY 116 L H 118 L H LECT 9 M WIHE 37920 TI) Δ 37938 DISC 8 10

COURSES FOR ADVANCED UNCERGRADUATES AND GRADUATES

4 INTERMEDIATE HINDI, II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK

IN THE LANGUAGE LANGRATORY.
PREREQUISITE: HINDI 303 OR EQUIVALENT.

5 HOURS OR 1 UNIT OPEN TO FRESHMEN.

LECT 432 ARMORY 216 L H 37946 1.0 MIU THE SUBBARAD, KOUL BHATIA 11 M

HINDI 306 ADVANCED HINDI, II.

PREREQUISITE: HINDI 305 OR CONSENT OF INSTRUCTOR.

5 HOURS OR 1 UNIT

OPEN TO FRESHMEN.

304 G H 304 G H 3 G H 37954 LECT-DISC M W F SUBBARAO, KOUL BHATIA 10 1.1 TU

HINDI 308

ADVANCED HINDI, IV.
PREREQUISITE: HINDI 307 OR CONSENT OF INSTRUCTOR.

5 HOURS OR 1 UNIT

OPEN TO FRESHMEN .

11-1230 M F 355 1208 W CAL Y. KACHRU 37962 LECT-DISC

READINGS IN HINDI LITERATURE IN ENGLISH TRANSLATION.

PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS OR 1 UNIT THEN TO FRESHMEN.

230-4 М F ARR 37971 LECT-DISC

STAFF

SHERARAD

KOUL

SHATIA

MAJJR: TWENTY-FOUR HOURS IN HISTORY, ALL IN COURSES HAVING JUNIOR STANDING AS A PREPEQUISITE: CMF FRESHMAN-SOPHIMORE SUPVEY COURSE SEQUENCE (HISTORY 111-117, 131-132), 151-152, 181-182, 191-197; 365 121-122) OR ITS FOULVALENT, MUST BE TAKEN AS A PREREQUISITE TO THE MAJOR. THE COURSES OFFERED MUST INCLUDE AT LEAST TWELVE HOURS IN AN AREA OF SPECIALIZATION AND AT LEAST SIX HOURS IN A SECOND AREA. THE FOLLOWING AREAS MAY BE SELECTED: ANCIENT, MEDIEVAL AND RENAISSANCE; EURIPE SINCE 1500; UNITED STATES AND LATIN AMERICA; ASTA. ALL MAJDRS ARE REQUIRED TO TAKE HISTORY 298; TO BE FELICIBLE FOR THIS COURSE, EACH MAJOR MUST HAVE SENIOR STANDING.

MINORS: TWENTY HOURS, NUT INCLUDING MURE THAN FUUR HOURS OPEN TO REFERMEN, IN DAE OF THE FOLLOWING: ANCIENT OR MODERN LANDUAGE EXCLUDING ELEMENTARY COURSES 101 AND 102, ANTHROPOLOGY, ECUNOMICS, ENGLISH AND AMERICAN LITERATURE, GEOGRAPHY, LIBRARY SCIENCE, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY. ONE OF THE CURRICULA IN LATIN AMERICAN STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, ASIAN STUDIES OF MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLF MINOR, EXCLUDING THE COURSES IN HISTORY.

#### CCUPSES FOR UNDERGRADUATES

HIST 112 HISTORY OF WESTERN CIVILIZATION, 1815 TO THE PRESENT.
4 HOURS

\*DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

37989	DISC	Δ1	8	W F	317	G H	
	LECT	Ī	17	TU TH	112	G H	DRAPEAU
37997	DISC	Δ2	9	W F	313	G H	
	LECT	1	10	TU TH	112	G H	
38003	DISC	81	9	TU TH	317	G H	
	LECT	I	10	TU TH	112	G H	
38011	DISC	8.2	9	TU TH	313	G H	
	LECT	I	1 ^	TU TH	112	GH	
38720	DISC	C 1	10	W F	317	G H	
	LECT	Ī	10	TU TH	112	G H	
38038	DISC	D1	10	w F	254	ADMIN	
	LECT	I	10	TU TH	112	G H	
38046	DISC	0.5	11	WF	313	G H	
	LECT	1	10	TU TH	112	G H	
38054	DISC	E	11	TU TH	254	ADMIN	
	LECT	I	10	TU TH	112	G H	
38062	D21C	F	12	M W	313	G H	
	LECT	I	10	TU TH	112	GH	
38071	OZIC	G	12	TU TH	313	G H	
	L EC T	I	10	TU TH	112	G H	
38089	DISC	+	1	M W	313	G H	
	LECT	1	10	TU TH	112	G H	
38)97	DISC	J	1	TU TH	313	G H	
	LECT	1	1.0	TU TH	112	G H	
38101	DISC	K	1	TU TH	106	L R	
	LECT	1	10	TU TH	112	G H	
38119	DISC	L	2	TU TH	313	G H	
	LECT	Ī	10	TU TH	112	G H	
38127	DISC	L1	2	TU TH	106	LH	
	LECT	Ţ	10	TU TH	112	G H	
38135	DISC	L 2	3	TU TH	254	ADMIN	
	LFCT	I	10	TU TH	112	G H	
38143	21 C	L 3	3	M W	317	G H	
	LECT	I	10	TU TH	112	G H	
38151	25 I C	M	3	TU TH	313	G H	
	L ECT	1.1	9	M W	112	G H	DRAPEAU
38160	DISC	N	4	TU TH	106	L H	
	LECT	11	9	M W	112	G H	
38178	DISC	0	9	TU TH	106	L H	
	LECT	1.1	9	M W	112	G H	
38186	) 1 SC	Р	9	TU TH	146	ARMORY	
	LECT	1.1	9	w M	112	G H	
38194	)1 SC	F	10	TU TH	106	LH	
	LECT	1.1	Q	M W	112	G H	

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317 G H
                                                                                                                                              TU TH
                      38291
                                                                                                                                          M W
                                                                                                                                                                            112 G H
                                       HISTORY OF ENGLAND, 1688 TO THE PRESENT.
HIST 132
                           4 HOURS
                           *DISC. &S--RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY
                    HIGH STANDING.
                                                                                                                                                                                                                                         BELTING
                                                                                                                                                                                                                                          BELTING
                                                                                                                                                                                                                                         ARNSTEIN
                                HISTORY OF THE UNITED STATES TO 1865.
                        *CREDIT IS NOT GIVEN FOR BOTH HIST. 151 AND 261.
                            *4 HOURS
                      *4 HOURS
38500 DISC A 1-3 M W 307 G H FARNHAM
38518 DISC B 10-12 TU TH 307 G H CORDULACK
38526 DISC C 1-3 TU TH 254 ADMIN CORDULACK
HIST 152
                                      HISTORY OF THE UNITED STATES FROM 1865 TO THE PRESENT.
                           *CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262.
                            *4 HOURS
                            DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS
                            OF VERY HIGH STANDING.
                      38534
                                                                                                                                                                                                                                         HERRICK
                      38542
```

HIST	152 CON	TINUED					
	38607	DISC	Н	10	TU TH	317 G H	
	38615	DISC	I J	8 10	M W TU TH	L H THEATRE 428 ARMORY	
	30013	LECT	I	8	M W	L H THEATRE	
	38623	DISC	K	10	M W	307 G H	
	38631	DISC	[ []	8 10	M W	L H THEATRE	
		LECT	I	8	M W	L H THEATRE	
	38640	DISC	L 2 I	11	M W	106 L H L H THEATRE	
	38658	DISC	L3	11	M W TU TH	106 L H	
		LECT	I	8	M W	L H THEATRE	
	38666	DISC	L4 I	1 1 B	TU TH M W	428 ARMORY L H THEATRE	
	38674	DISC	Ĺ5	1	M W	331 G H	
	20100	LECT	Ī	8	M W	L H THEATRE	
	38682	DISC	L6 I	2 8	TU TH M W	133 ARMORY L H THEATRE	
	38691	DISC	Ĺ7	2	M W	254 ADMIN	
	38704	LECT	Ĭ	8	M W TU TH	L H THEATRE	
	38104	DISC	ī I	2	M M	133 ARMORY 112 G H	WALLER
	38712	DISC	0	9	M W	307 G H	
	38721	DISC	II P	2	M W TU TH	112 G H 133 ARMORY	
		LECT	11	ź	M W	112 G H	
	38739	DISC	R	9	W F	106 L H 112 G H	
	38747	L ECT DISC	Î Î	2 10	M W M W	112 G H 133 ARMORY	
		LECT	11	2	M W	112 G H	
	38755	DISC	U II	10	TU TH M W	133 ARMORY 112 G H	
	38763	DISC	W	11	M N	331 G H	
	20771	LECT	H	2	M W	112 G H	
	38771	D I SC	X1 II	11	TU TH M W	133 ARMORY 112 G H	
	38780	DISC	Х3	12	TU TH	331 G H	
	38798	DISC	11 X4	2 1	M W TU TH	112 G H 331 G H	
	30170	LECT	ÎÏ	2	M W	112 G H	
	38801	DISC	X5	1	TU TH	133 ARMORY	
	38810	DISC	X6	2	M W TU TH	112 G H 331 G H	
	,,,,,	LECT	II	2	M W	112 G H	
	38828	DISC	X7	3	TUTH	205 E B	
	38836	DISC	11 X9	2	M W TU TH	112 G H 146 ARMORY	
		LECT	1.1	2	M W	112 G H	
	38844	DISC	X10 II	3 2	TU TH M W	106 L H 112 G H	
		2201	••	-			
ніст	PREREQ	AT ION AS JA S	HOMORE S'	TANDING, I		STANDING WITH	1 400 6 11
	38861	DISC	Α	2	M W TH	213 G H 307 G H	LYNCH
	38887	DISC	В	2	TH	307 G H	
	38895 38909	0110	C D	1 2	F F	307 G H 307 G H	
	38917	01 SC	E	2	TH	201 E B	
ніст	4 HOURS		RN CIVIL				
	38925 38933	DISC	Α	11	M W F	66 LIBRARY 133 ARMORY	DAWN, KLING, EASTMAN,
	38941	DISC	В	1	W	133 ARMORY	PIERSON
	38950	DISC	C	3	TU	133 ARMORY	CRAWFORD
	38968 38976	D15C	D E	2	W TH	133 ARMORY 133 ARMORY	
	38984	DISC	F	3	м	428 ARMORY	
	38992	DISC	G	4	TH	428 ARMORY	
	39009 39017	DISC	J.	4	M W	428 ARMORY 428 ARMORY	
			Ť		-		
ніст	PREREQU	OR STUDENT,	ES SCHOL	AR STANDII SENT OF I	NG OR OTHER NSTRUCTOR.	DESIGNATION AS A	
	39025	DISC		1-4	TU	307 G H	PIERSON

## COURSES FOR ADVANCED UNDERGRADUATES

		COO	KSES FUR	ADV ANCED	UNDERGRAD	UATES		
нізт	210 THE PREREQUI 2 HOURS	NEAR EAST SITE: ONE Y				т.		
	39033	LECT		8	TU TH	307 G	н	MEREDITH
ніст	ASP	CONTEMPORA ECTS.	RY WORLD	: ECONOMI	C, SOCIAL,	AND CUL	TURAL	
	3 HOURS 39041	LECT		10	M W F	114 0	КН	MEREDI TH
ніѕт		VEY OF RUSS SITE: ONE Y OR.						
	39050	LECT		10-1130	TU TH	114 D	КН	UROFF
ніст	187						GE SINCE	
	*3 HOURS *LECT. A ONLY TO DURING T	IS AN ACCE STUDENTS TA HE SIX-WEEK	LERATED KING ED.	SECTION F PR. 241 TEACHING	OR TEACHER AND 242, A PERIOD.	TRAINEE ND WILL		
	39068 39076	LECT	*A	10	M W F MTUWTHF	428 A 428 A	RMORY RMORY	HOEVELER ROSENBAUM
ніст	274 U. 3 HOURS	S. AND WORL	D CRISIS	. 1917 TO	PRESENT.			
	39084	LECT		10	M W F	213 G	н	HEINRICHS
ніст	3 HOURS	TORY OF LAT	IN AMERI	CA SINCE	1824. M W F	106 L	н	LOVE
								2072
HIST	2 HOURS	SITE: ONE Y	EAR OF C					
	39106	T MEET DURI	NG THE S	*8 *8	M W F	313 G	H .	DAHL
ніст	POINT AV	SITE: HISTO ERAGE, AND S MAY ACCUM	WRITTEN (	CONSENT O				
	39114	CONF	A A	RR				STAFF
ніст	OF THE H	SITE: JUNIO ONORS ADVIS	R OR SEN	IOR OF HI	GH STANDIN	G AND WR	ITTEN CONSENT	
	2 TO 4 H 39122		A 3	RR				STAFF
ніст		LOQUIUM IN SITE: ENROL WITH SENIO	LMENT AS	A HISTOR	Y MAJOR OR	HISTORY	TEACHER	
	39131 39149 39157 39165 39173 39181 39190		A B C D E F	1-3 3-5 3-5 3-5 3-5 1-3	TU M TH TU TU TH TH TH	186 L 446K G 446K G 304 G 219 G 446K G 300 L	н н н н	FOSTER LYNCH RANSEL SUMLER SUTTON THOMSEN FALCOFF
	39203 39211 39220	DISC DISC DISC	H J K	1-3 3-5 3-5	TU TU TH		H	SIRICH JAHER HERRICK

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE--ONE YEAR OF COLLEGE HISTORY IS REQUIRED EXCEPT WHERE NOTED.

HIST	3 HOURS,	MIDDLE AG OR 1/2 OR LECT	ES, 1100 1 UNIT		4. D. M W F	221	G H	OHELLER
	39238	LECT		2	м ж г	331	G FI	QUELLER
HIST	306 THE TO	AGE OF TH	E PROTES	TANT AND (	CATHOLIC RE	FOR MAT	ION, 1500	
	3 HOURS, 39246	OR 1/2 OR LECT	1 UNIT	10	M W F	331	G H	BERNARD
HIST	308 THE 3 HOURS, 39254	EUROP EAN I	ZATION O	F THE NEAR	R EAST, 176	68 TO 19	914.	
						331	GН	DAWN
ніст	ECONOMICS	SITE: ONE '	YEAR OF	COLL EGE H	1918. ISTORY, POL	LITICAL	SCIENCE, OR	
	3 HOURS, 39262	OR 1/2 OR LECT	1 UNIT	11	M W F	196	LH	NICHOLS
HIST		SITE: ONE	YEAR OF	COLLEGE H	ISTORY OR P	POLITICA	AL SCIENCE,	
	3 HOURS, 39271	OR 1/2 OR LECT	1 UNIT	1	M W F	141	COM W	SUMLER
HIST	319 MODE PREREQUIS	ERN EUROPE	AN DIPLO	MATIC HIST COLLEGE HI	TORY, 1890 ISTORY OR C	TO THE	PRESENT. OF INSTRUCTOR.	
	3 HOURS, 39289	LECT OR	1 UNII	8	M W F	319	G H	SCHROEDER
HIST	PREREQUIS	SIA FROM PI SITE: ONE Y OR 1/2 OR	YEAR OF	GREAT TO COLLEGE HI	1855. STORY OR C	CONSENT	OF INSTRUCTOR.	
	39297	LECT		3	M W F	32	PSYCH BLDG	RANSEL
HIST	326 INTE	ELLECTUAL /	AND CULT	URAL HISTO	DRY OF RUSS	SIA FROM	1 1881 TO	
ніѕт	PREREQUIS CONSENT	SITE: ONE ) OF INSTRUCT	YEAR OF				4 1881 TO AL SCIENCE OR	
ніст	PREREQUIS CONSENT O 3 HOURS,	SITE: ONE )	YEAR OF	COLLEGE HI	ISTORY OR P	POLITICA		UROFF
	PREREQUIS CONSENT ( 3 HOURS, 39301  330 HISS PREREQUIS 3 HOURS,	FRESENTS  SITE: ONE 1  OF INSTRUCT  OR 1/2 OR  LECT  TORY OF SOL  SITE: ONE 1  OR 1/2 OR	YEAR OF FOR. 1 UNIT	8-930 RN EUROPE COLLEGE HI	TU TH SINCE 1804	319	AL SCIENCE OR G H OF INSTRUCTOR.	
	PREREQUIS CONSENT ( 3 HOURS, 39301	FRESENTS  SITE: ONE 1  OF INSTRUCT  OR 1/2 OR  LECT  TORY OF SOL  SITE: ONE 1  OR 1/2 OR	YEAR OF FOR. 1 UNIT	8-930	TU TH	319	AL SCIENCE OR G H OF INSTRUCTOR.	
	PREREQUIS CONSENT ( 3 HOURS, 39301  330 HIS: PREREQUIS 3 HOURS, 39319  333 GRE/ PREREQUIS	SITE: ONE NOT SI	YEAR OF FOR. 1 UNIT JTHEASTE YEAR OF 1 UNIT	8-930  RN EUROPE COLLEGE HI  2  HE TUDORS COLLEGE HI	TU TH  SINCE 1804 STORY OR C  M W F  AND STUART	319 CONSENT 223	G H  OF INSTRUCTOR. G H	HITCHINS
ніѕт	PREREQUIS CONSENT ( 3 HOURS, 39301  330 HISI PREREQUIS 3 HOURS, 39319  333 GRE/ PREREQUIS 3 HOURS,	SITE: ONE 1 OF INSTRUCT OR 1/2 OR LECT  TORY OF SOL SITE: ONE 1 OR 1/2 OR LECT	YEAR OF FOR. 1 UNIT JTHEASTE YEAR OF 1 UNIT	8-930 RN EUROPE COLLEGE HI  2 HE TUDORS COLLEGE HI	TU TH  SINCE 1804 STORY OR C  M W F  AND STUART	319 CONSENT 223	G H  OF INSTRUCTOR. G H  5-1660. OF INSTRUCTOR.	HITCHINS
ніѕт	PREREQUIS CONSENT ( 3 HOURS, 39301 330 HISI PREREQUIS 3 HOURS, 39319 333 GREA PREREQUIS 3 HOURS, 39327	SITE: ONE 10 OR 1/2 OR LECT TORY OF SOL SITE: ONE 1 OR 1/2 OR LECT  AT BRITAIN SITE: ONE 1 OR 1/2 OR LECT	TEAR OF TOR.  1 UNIT  THEASTE FEAR OF 1 UNIT  UNDER TOTAL TO THE TORING TO THE TORING TO THE TORING	8-930 RN EUROPE COLLEGE HI 2 HE TUDORS COLLEGE HI	TU TH  SINCE 1804 STORY OR C  M W F  AND STUART STORY OR C	319  CONSENT 223  IS, 1489 CONSENT 319	G H  OF INSTRUCTOR. G H  5-1660. OF INSTRUCTOR. G H	HITCHINS
HIST	PREREQUIS CONSENT ( 3 HOURS, 39301 330 HISI PREREQUIS 3 HOURS, 39319 333 GREI PREREQUIS 3 HOURS, 39327	SITE: ONE 10 OR 1/2 OR LECT TORY OF SOL SITE: ONE 1 OR 1/2 OR LECT  AT BRITAIN SITE: ONE 1 OR 1/2 OR LECT	TEAR OF TOR.  1 UNIT  THEASTE FEAR OF 1 UNIT  UNDER TOTAL TO THE TORING TO THE TORING TO THE TORING	8-930 RN EUROPE COLLEGE HI 2 HE TUDORS COLLEGE HI	TU TH  SINCE 1804 STORY OR C  M W F  AND STUART STORY OR C	319  CONSENT 223  IS, 1489 CONSENT 319	G H  OF INSTRUCTOR. G H  5-1660. OF INSTRUCTOR. G H	HITCHINS FOSTER
HIST HIST	PREREQUIS CONSENT ( 3 HOURS, 39301  330 HISI PREREQUIS 3 HOURS, 39319  333 GRE/ PREREQUIS 3 HOURS, 39327  354 THE 3 HOURS, 39335	SITE: ONE NOR INSTRUCT OR 1/2 OR LECT  TORY OF SOL SITE: ONE N OR 1/2 OR LECT  AT BRITAIN SITE: ONE N OR 1/2 OR LECT  ERA OF THE OR 1/2 OR LECT  ERA OF THE COR 1/2 OR LECT  ERA OF THE COR 1/2 OR LECT	TEAR OF TOR.  1 UNIT  UNDER T TEAR OF 1 UNIT  UNDER T TEAR OF 1 UNIT  E AMERIC 1 UNIT  UNFFERSO VEAR OF	RN EUROPE COLLEGE HI 2 HE TUDORS COLLEGE HI 10-1130 AN REVOLUT	TU TH  SINCE 1804 STORY OR C  M W F  AND STUART STORY OR C  TU TH	319  CONSENT 223  JS. 1488 CONSENT 319  TO 1788 223	G H  OF INSTRUCTOR. G H  5-1660. OF INSTRUCTOR. G H  C H	HITCHINS FOSTER BECKER
HIST HIST	PREREQUIS CONSENT ( 3 HOURS, 39301  330 HISI PREREQUIS 3 HOURS, 39319  333 GRE, PREREQUIS 3 HOURS, 39327  354 THE 3 HOURS, 39335  355 FEDE PREREQUIS 3 HOURS, 39335	SITE: ONE 10 OR 1/2 OR LECT  TORY OF SOL SITE: ONE 1 OR 1/2 OR LECT  AT BRITAIN SITE: ONE 1 OR 1/2 OR LECT  ERA OF THE OR 1/2 OR LECT	TEAR OF TOR.  1 UNIT  UNDER T TEAR OF 1 UNIT  UNDER T TEAR OF 1 UNIT  E AMERIC 1 UNIT  UNFFERSO VEAR OF	RN EUROPE COLLEGE HI 2 HE TUDORS COLLEGE HI 10-1130 AN REVOLUT	TU TH  SINCE 1804 STORY OR C  M W F  AND STUART STORY OR C  TU TH  TON, 1763 M W F	319 CONSENT 223 SS, 1488 CONSENT 319 TO 1789 223 DF GOOD CONSENT	G H  OF INSTRUCTOR. G H  5-1660. OF INSTRUCTOR. G H	HITCHINS FOSTER BECKER
HIST HIST	PREREQUIS 3 HOURS, 39301  330 HISI PREREQUIS 3 HOURS, 39319  333 GREA PREREQUIS 3 HOURS, 39327  354 THE 3 HOURS, 39335  355 FEDE PREREQUIS 3 HOURS, 39343  361 HISI PREREQUIS ECONOMICS	PRESENTAL SITE: ONE 1/2 OR LECT  TORY OF SOL SITE: ONE 1/2 OR LECT  AT BRITAIN SITE: ONE 1/2 OR LECT  ERA OF THE OR 1/2 OR LECT  ERA OF THE OR 1/2 OR LECT  TORY OF THE SITE: ONE 1/2 OR LECT  TORY OF THE SITE: ONE 1/2 OR LECT	TEAR OF TOR.  1 UNIT  UNDER T TEAR OF 1 UNIT  UNDER T TEAR OF 1 UNIT  E AMERIC 1 UNIT  UFFFRSO YEAR OF 1 UNIT  UNITED YEAR OF	RN EUROPE COLLEGE HI  2  HE TUDORS COLLEGE HI  10-1130  AN REVOLUT  9  NIANS, AND COLLEGE HI  9	TU TH  SINCE 1804 STORY OR C  M W F  AND STUART STORY OR C  TU TH  TON, 1763 M W F  OTHE ERA C STORY OR C	319  CONSENT 223  IS, 1489 CONSENT 319  TO 1789 223  DF GOOD CONSENT 223	G H  OF INSTRUCTOR. G H  5-1660. OF INSTRUCTOR. G H  FEELINGS. OF INSTRUCTOR.	HITCHINS FOSTER BECKER
HIST HIST HIST	PREREQUIS 3 HOURS, 39301  330 HISI PREREQUIS 3 HOURS, 39319  333 GREA PREREQUIS 3 HOURS, 39327  354 THE 3 HOURS, 39335  355 FEDE PREREQUIS 3 HOURS, 39343  361 HISI PREREQUIS ECONOMICS	SITE: ONE 10 OR 1/2 OR LECT  TORY OF SOL SITE: ONE 1 OR 1/2 OR LECT  AT BRITAIN SITE: ONE 1 OR 1/2 OR LECT  ERA OF THE OR 1/2 OR LECT  ERALISTS, SITE: ONE 1 OR 1/2 OR LECT  TORY OF THE SITE: ONE 1 OR 1/2 OR LECT	TEAR OF TOR.  1 UNIT  UNDER T TEAR OF 1 UNIT  UNDER T TEAR OF 1 UNIT  E AMERIC 1 UNIT  UFFFRSO YEAR OF 1 UNIT  UNITED YEAR OF	RN EUROPE COLLEGE HI  2  HE TUDORS COLLEGE HI  10-1130  AN REVOLUT  9  NIANS, AND COLLEGE HI  9	TU TH  SINCE 1804 STORY OR C  M W F  AND STUART STORY OR C  TU TH  TON, 1763 M W F  OTHE ERA C STORY OR C	319  CONSENT 223  IS, 1485 CONSENT 319  TO 1785 223  DF GOOD CONSENT 223	G H  OF INSTRUCTOR. G H  5-1660. OF INSTRUCTOR. G H  G H  FEELINGS. OF INSTRUCTOR.	HITCHINS FOSTER BECKER MCCOLLEY
HIST HIST HIST	PREREQUIS CONSENT ( 3 HOURS, 39301  330 HISI PREREQUIS 3 HOURS, 39319  333 GRE/ PREREQUIS 3 HOURS, 39327  354 THE 3 HOURS, 39335  355 FEDI PREREQUIS 3 HOURS, 39343  361 HISI PREREQUIS 3 HOURS, 39351	SITE: ONE NO OR 1/2 OR LECT  TORY OF SOL LECT  AT BRITAIN SITE: ONE NO OR 1/2 OR LECT  ERA OF THE OR 1/2 OR LECT  ERA OF THE OR 1/2 OR LECT  TORY OF THE SITE: ONE NO OR 1/2 OR LECT  ERA OF THE OR 1/2 OR LECT  ERA OF THE OR 1/2 OR LECT  TORY OF THE SITE: ONE NO OR 1/2 OR LECT  TORY OF THE SITE: ONE NO OR 1/2 OR LECT	TEAR OF TOR.  1 UNIT  UNDER T TEAR OF 1 UNIT  UNDER T TEAR OF 1 UNIT  E AMERIC 1 UNIT  UNIT  UNITED TEAR OF 1 UNIT  UNITED TEAR OF 1 UNIT  UNITED TEAR OF 1 UNIT	RN EUROPE COLLEGE HI  2  HE TUDORS COLLEGE HI  10-1130  AN REVOLUT  8  NIANS, AND COLLEGE HI  9  STATES, I COLLEGE HI	TU TH  SINCE 1804 STORY OR C  M W F  AND STUART STORY OR C  TU TH  TION, 1763 M W F  OTHE ERA C STORY OR C  M W F  1909-1932. STORY, POL	319  CONSENT 223  IS, 1488 CONSENT 319  TO 1788 223  OF GOOD CONSENT 223  LITICAL 213  CE 1890.	G H  OF INSTRUCTOR. G H  5-1660. OF INSTRUCTOR. G H  G H  FEELINGS. OF INSTRUCTOR. G H  SCIENCE OR	HITCHINS FOSTER BECKER MCCOLLEY BATES

HIST	367 THE TRANS-MISSISSIPP	I WEST.			
	367 THE TRANS-MISSISSIPP 3 HOURS, UR 1/2 OR 1 UNIT 39378 LECT	10	M W F	319 G H	JOHANNSEN
HIST	371 AMERICAN INTELLECTUA PREREQUISITE: ONE YEAR OF INSTRUCTOR.	COLLEGE HI	STORY, DR	CONSENT OF	
	3 HOURS, OR 1/2 OR 1 UNIT 39386 LECT	11	M W F	319 G H	SOLBERG
ніст	379 HISTORY OF ARGENTINA PREREQUISITE: ONE YEAR OF LATIN AMERICAN STUDIES PR	COLLEGE HI	IONAL PERI	OD. NROLLMENT IN THE	
	3 HOURS, OR 1/2 OR 1 UNIT 86306 LECT		TU TH	141 A H 141 A H	
HIST	383 HISTORY OF THE ROMAN 3 HOURS, OR 1/2 OR 1 UNIT 39394 LECT	REPUBLIC T	0 44 B. C.		
	39394 LECT	9	M W F	310 L H	THOMSEN
HIST	388 DEVELOPMENT OF MODER PREREQUISITE: ONE YEAR OF 3 HOURS, OR 1/2 OR 1 UNIT	N INDIA AND COLLEGE HI	PAKISTAN : STORY OR C	FROM 1707. ONSENT OF INSTRUCTO	)R.
	19408 LECT	2	M W F	313 G H	KL ING
HIST	392 A HISTORY OF CHINA, PREREQUISITE: ONE YEAR OF 3 HOURS, OR 1/2 OR 1 UNIT 39416 LECT	907-1644. COLLEGE HI	STORY OR C	DNSENT OF INSTRUCTO	)R.
	39416 LECT	10-1130	TU TH	313 G H	WECHSLER
ніст	394 TWENTIETH-CENTURY CH PREREQUISITE: ONE YEAR OF	COLLEGE HI	STORY OR C	ONSENT OF INSTRUCTO	OR.
	3 HOURS, OR 1/2 OR 1 UNIT 39424 LECT	2	M W F	319 G H	EASTMAN
HIST	399 HISTORY AND THOUGHT PREREQUISITE: JUNIOR STAN 3 HOURS, 7R 1/2 TO 1 UNIT 39432 LECT	OF CHINESE DING OR CON	BUDDHISM. SENT OF IN	STRUCTOR.	
	39432 LECT	3-430	TU TH	313 G H	UNNO
	С	OURSES FOR	GRADUATES		
HIST	403 PRUBLEMS IN EUROPEAN	HISTORY TO	1815.		
	1 UNIT 39441 DISC	1-3	TU	347 A H	BERNARD
HIST	404 PROBLEMS IN MODERN E	UROPEAN HIS	TORY SINCE	1815.	
	TOPIC: THE BALKANS. 39459 DISC	1-3	TU	446K G H	HITCHINS
HIST	407 PROBLEMS IN AMERICAN	HISTORY TO	1865.		
	407 PROBLEMS IN AMERICAN 1 UNIT 39467 DISC	1-3	TH	304 G H	BECKER
HIST	408 PROBLEMS IN AMERICAN 1 UNIT				
	TOPIC: AMERICAN DIPLOMATI 39475 DISC	1-3	W	304 G H	HEINRICHS
нізт	409 PROBLEMS IN ASIAN HI	STORY.			EASTMAN
	1 UNIT 39483 DISC A 39491 DISC B 39505 DISC C	1-3 1-230	ТН ТU ТН	347 A H 94 COM W	PIERSON WECHSLER
HIST	415 SEMINAR IN MEDIEVAL	HISTORY.			
	415 SEMINAR IN MEDIEVAL 1 UNIT 39513 DISC		ТН	4248 LIB	QUELLER

ніст	1 UNIT	MINAR IN EUROP REVOLUTION AND DISC	NAPOLEONIC P		304 G H	SIRICH
HIST	1 UNIT *SECTION REQUIRED *SECTION	D. N B TOPIC: BRI DISC *A	MAN HISTORY -	READING KN	IOWLEDGE OF GERMAN IERS. 304 G H 304 G H	NICHOLS SCHROEDER
HIST	1 UNIT				STORY SINCE 1688.	
	39556	DISC	1-3	м	446K G H	ARNSTEIN
нізт	427 SEP 1 UNIT 39564	TINAR IN RUSSI		TU	304 G H	FISHER
HIST	1 UNIT *SECTION *SECTION *SECTION *SECTION	AINAR IN AMERI N A: THE GILDE N B: THE FIRST N C: THE MIODL N D: JEFFERSON DISC *A DISC *B DISC *C DISC *C	D AGE (ABOUT WORLD WAR. E PERIOD. 'S NEUTRAL DI 1-3 1-3	1865-1890). PLOMACY.		FARNHAM BATES JOHANNSEN MCCOLLEY
ніст			DEGREE OR EC	UIVALENT, C	ONSENT OF	STAFF
ніст	PREREQUI	BLEMS IN THE			ORY.	
	NO CREDI 39629		3-5	TU	331 G H	NICHOLS

### HISTORY AND PHILOSOPHY OF EDUCATION

DEPARTMENT OFFICE

#### COURSES FOR ADVANCED UNDERGRADUATES

HP ED 201 FOUNDATIONS OF AMERICAN EDUCATION. PREREQUISITE: (FOR STUDENTS NOT IN ELEMENTARY EDUCATION) SE. ED. 101 OR VOTEC. 101 AND PSYCH. 100. (FOR STUDENTS IN ELEMENTARY EDUCATION) PSYCH. 100 CNLY. 2 HOURS SECTION 44 IS A SPECIAL SECTION. STUDENTS ENROLLED IN THIS SECTION MUST ALSO RE ENROLLED IN SECTION A OF EDPSY. 211. THE CONTENT OF THE TWO COURSES WILL BE COORDINATED SO THAT STUDENTS MAY UNDERSTAND THE RELATIONSHIP BETWEEN PSYCHOLOGICAL PRINCIPLES AND THE FOUNDATIONS OF AMERICAN SECONDARY EDUCATION.

LECT.-DISC, SECTIONS A1, A2, A3 ARE RESERVED FOR SENIORS AND SECOND
SEMESTER JUNIORS WHO NEED THE COURSE FOR GRADUATION AND/OR AS A
PREREQUISITE TO STUDENT TEACHING IN THE FALL AND WHO CANNOT SCHEDULE THE LECTURES. 9645 LECT ALLD ET OR THE

HP ED 249 INDEPENDENT STUDY. PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK. 2 HOURS

ARR

HP ED 292 THESIS.

39831

39840

PREREQUISITE: SENIOR STANDING. 2 HOURS CONF ARR

STAFF

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

FP ED 301 PHILDSOPHY OF EDUCATION. 2 HOURS OR 1/2 UNIT TH 2 EDUC 39958 MCMURRAY HP ED 302 HISTORY OF AMERICAN EDUCATION.

2 HOURS OR 1/2 UNIT 7-9PM M 4-6 TU 39866 LECT-DISC 7-9PM 39874 LECT-DISC B 4-6 226 COM W KARIER 39874 2 EDUC VIOLAS

COMPARATIVE EDUCATION. 2 HOURS OR 1/2 UNIT 39882 LECT-DISC TH 166 EDUC PELCZAR 4-6

HP ED 304 SOCIAL FOUNDATE
2 HOURS OR 1/2 UNIT SOCIAL FOUNDATIONS OF EDUCATION. 2 HOURS OR 1/2 UNIT 39891 LECT-DISC A 7-9PM 39904 LECT-DISC B 3-5 39912 LECT-DISC C 3-5 39921 LECT-DISC D 4-6 W 100 G H
TU 153 ARMORY
W 166 COM W
TH 36 COM W STANLEY PELCZAR BURNETT SHORISH

HISTORY OF EDUCATIONAL IDEAS. HP ED 305 2 HOURS OR 1/2 UNIT 39939 LECT-DISC A 7-9PM TH 100 G H 39947 LECT-DISC B 4-6 W 40 COM W MCMURRAY STAFF HP ED 385 ANTHROPOLGY OF EDUCATION. SAME AS ANTH. 385. PREREQUISITE: COURSE IN ANTHROPOLGY OR SOCIOLOGY OR CONSENT OF INSTRUCTOR. 2 CR 4 HOURS, OR 1/2 CR 1 UNIT 10-12 W 6 COM W 39955 LECT-DISC J. H. BURNETT COURSES FOR GRADUATES HP ED 402 EDUCATIONAL MOVEMENTS IN THE TWENTIETH CENTURY. PREREQUISITE: CONSENT OF INSTRUCTOR. LUNIT 39963 LECT-DISC 7-9PM M 20 COM W VIOLAS THE HISTORICAL FOUNDATIONS OF AMERICAN EDUCATIONAL THOUGHT. HP ED 403 PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 7-9PM TU 20 COM W 39971 VIOLAS FOUNDATIONS OF AESTHETIC EDUCATION. HP ED 405 PREREQUISITE: HP. FD. 306; CONSENT OF INSTRUCTOR. 1 UNIT 39980 TU 25 EDUC BROUDY HP ED 407 LOGICAL FOUNDATIONS OF METHODS.

PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 3 9 9 9 8 LFC T-DISC TH 6 COM W ENNIS HP ED 409 OP ADVANCED PHILOSOPHY OF EDUCATION, II.

PREREQUISITE: HP. ED. 301 OR 305 OR ADVANCED GRADUATE STANDING,
CONSENT OF INSTRUCTOR. 1 UNIT 1006 LECT-DISC 4-6 TH 389 EDUC 40006 BURNETT SEMINAR IN THEORIES OF EDUCATIONAL AND SOCIAL CHANGE. ONLY OPEN TO CANDIDATES FOR THE ED. D. OR PH. D. IN EDUCATION. 1 UNIT 40014 LECT-DISC A 4-6 TU 40022 LECT-DISC B 1-3 W 389 EDUC 385 EDUC BURNETT STANLEY HP ED 449 INDEPENDENT STUDY.

PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT. \*MAY BE REPFATED FOR A MAXIMUM OF TWO UNITS. \*1/2 DR 1 UNIT 40031 CONF ARR STAFF HP FD 483 METHODS IN COMPARATIVE EDUCATION. PREREQUISITE: ANTH. 373 OR SOC. 300, HP. ED. 303 OR 386, OR CONSENT OF INSTRUCTOR. 1 UNIT 7-9PM M 389 EDUC 40049 LECT-DISC PELCZAR AND YATES

3-5 TU

SHORISH

28 EDUC

485 EDUCATION IN THE DEVELOPING COUNTRIES.
PREREQUISITE: HP. ED. 303 OR 386 OR CONSENT OF INSTRUCTOR.
1 UNIT

LECT-DISC

40057

SEMINAR FOR ADVANCED STUDENTS OF EDUCATION. OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN HISTORY AND PHILOSOPHY OF EDUCATION. PREREQUISITE: FOR SECTION (C) ONLY, HP. ED. 483 OR CONSENT OF INSTRUCTOR.

\*NOT MORE THAN ONE UNIT PER SECTION MAY BE COUNTED TOWARD A DEGREE IN ANY ONE SEMESTER.
\*1 TO 2 UNITS

CONF 40065 В 3 - 5 ARR 11 COM W ENNIS 40073 CONF C SHORISH ARR 40081 CONF D STAFF 40090 CONF Е ARR VIOLAS

HP ED 491 FIELD STUDY AND THESIS SEMINAR.

LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.

1 TO 2 UNITS

CONF 40103 STAFF

HP ED 499 THESIS RESEARCH.

O TO 4 UNITS 40111 CONE

ARR STAFF

#### HOME ECONOMICS

## DEPARTMENT OFFICE

260 REV HALL

MILLS

NOTE--HOME ECONOMICS COURSES DESIGNED PARTICULARLY FGR NON-MAJOR STUDENTS AND NOT FULFILLING THE REQUIREMENTS FOR A MAJOR IN HOME ECONOMICS ARE HOME ECON. 120, 125, 193, AND 271.

OTHER HOME ECONOMICS COURSES ARE ALSO OPEN TO NON-MAJORS WHO HAVE THE PREREQUISITES LISTED FOR THE COURSE AND THE CONSENT OF THE INSTRUCTOR. STUDENTS ARE REFERRED PARTICULARLY TO H.EC. 105, 132, 133, 160, 171, 182, 183, 184, 210, 260, 270, AND 285.

### COURSES FOR UNDERGRADUATES

H EC	105 CH 4 HOURS	ILD AND FAM	ILY.					
	4 HOURS 40120 40138 40146 40154 40162 40171 40189	LECT LAB-DISC LAB-DISC LAB-DISC LAB-DISC LAB-DISC LAB-DISC	8 C D E F F	11 9-11 9-11 9-11 9-11 2-4 2	M W F TU W TH F TU W W	12 12 12 12 12 12 208	M M B C D C D C D C D C D C D C D C D C D C D	,nosnhol
H EC		-HOME ECONOMISITE: SOPHO	AICS M	AJORS.				
		LECT-DISC		1	TU TH	242	BEV HALL	LAFONT
H EC	FOR NON-	-HOME ECONOMISITE: SOPHO	ICS M					
	40201	LECT		12	F		C D	DOWNEY
	40219		A		M W	338		DOWNEY
	40227		8	3-5			BEV HALL	DOWNEY
	40235 40243		D D	10-12 1-3	TU TH		BEV HALL	
H EC	132 FOO PREREQUE 3 HOURS			REGISTRATION	IN CHEM.	101.		
		LAB-DISC	Α	8-10	H W F	358	BEV HALL	JOHNSON
		LAB-DISC	В	8-10			BEV HALL	
			C	10-12		376		GLOVER
	40286	LAB-DISC	Ð	1-3	M W F	376	BEV HALL	GLOVER

H E		D MANAGEME							
	2 HOURS	SITE: H. E	C. 132.						
	CLASSES				ONLY WHEN ME				
	40294	LAB-DISC	Α	1-3				HALL	JOHNSON
	40 30 8	LAB-DISC	A E	12-3 10-12	W TU	358 376		HALL	GLOVER
	40 10 0	LAB-DISC	В	10-12	TH			HALL	GLUVEK
	40316	LAB-DISC	c	10-12	TU			HALL	J OHN SON
			C	10-1	ŦH	358	BEV	HALL	
H E	C 160 THE	HOME AND	ITS FURNI	SHINGS.					
	4 HOURS								
	40324	LECT		9	TU TH	135	A S	L	ALEXANDER
	40332 40341	LAB	A B	10-12	M W M W	222		HALL	BERMAN
	40359	LAB	C	1-3 3-5	M W	222	BEV	HALL	ESHLEMAN
	40367	LAB	D	10-12	TU TH	222	BEV	HALL	BERMAN
	40375	LAB	€	1-3	TU TH	222		HALL	ALEXANDER
	40383	LAB	F	3-5	TU TH	222	BEV	HALL	ESHL EM AN
H F		E MANAGEME	NT.						
	2 HOURS								
	40391 40405	LECT-DISC		10	W F TU TH	166		HALL	ANDERSON
	4040)	ECC 1-013C	0	2	10 111	100	DLV	TTALL	ANDERSON
H F		THING LABO	RATORY.						
	2 HOURS	S A AND E	ADE DESER	VED FOR	STUDENTS WIT	H EOR	MAL 1	CRAINING	
					HIGH SCHOOL				
		LAB	* A	10-12		122	BEV	HALL	ZWOLANEK
	40413		В	1-3					BANNER
	40421	LAB	С	10-12				HALL	WILHEMSON
	40430 40456		D *E	3-5				HALL	BANNER FICKLE
	, , , , , ,	20	-				0		
H E	2 HJURS	SOMEK LEXT	IFF2.						
	40464	LAB	W	10-12	M W	208	BEV	HALL	TREBILCOCK
	40472	LAB	B	3-5	M W	208	BEV	HALL	WILHEMSON
		LAB	C	10-12	TU TH			HALL	TREBILCOCK
	40499	LAB	D	1-3	TU TH	208	RFA	HALL	
H E									
	PREREQUI 2 HOURS	SITE: CRED	IT OR REG	ISTRATIO	N IN ART 185				
i	40502	LAB-DISC	Α	8-10	м ы	132	B.EV	HALL	
	40511	LAB-DISC	В	3-5	M W	132		HALL	BANNER
	40529		C	8-10	TU TH	132		HALL	ANSPACH
	40537	LAB-DISC	D	10-12	TU TH	132	BEV	HALL	BANNER
H F	193 TEX	TILE ARTS	FOR OCCUP	ATIONAL	THERAPY.				
		SITE: ART	185.						
	4 HOURS 40545	LAB	A 1	1 - 5	TU TH	1.77	0.54	HALL	RIIS
	40747	LAB	AI	1-5	10 IH	1.74	BEA	MALL	KIIS
H E		VING.							
	3 HOURS	A1 15 500	MAIDDE	N MCME C	CONOMICS-AGR	I CIN T	100	HOME	
					DMICS EDUCAT				
					ENTS MUST EN				
	40553	LAB	* A 1	2-5	M W	174	BEV	HALL	RIIS
	40561	LAB	*A2	2-5	M W	174	BEV	HALL	RIIS

	2 HOURS 40570	LECT		3-5	M	1.2	C D	
	40588	LAB	Δ	9	TU TH	219	C D	NURSERY SCHO
	40596	LAB	8	11	TU TH	219	C D	STAFF
	40500	LAB	С	9 11	W E	219	C D	
	40618 40626	LAB	0	2-4	W F	219	C D	
	40634	LAB	F	2-4	W W	219	CD	
	40642	LAB	G	2-4	TH	219	CD	
	40634 40642 40651	LECT LAB LAB LAB LAB LAB LAB LAB	Н	2 -4	M TU TH TU TH W F W F TU W F TU F	219	C D	
H FC	210 FA	MILY RELAT	INNSHIPS.					
	40669	LECT	Δ	8	M W E	12	C D	ERVIN
	40677	LECT	В	11	M W F	12	C D	ER VI N ER V I N
H FC		ISITE: CHE	F NUTRITI	ON. I. EC. 132	, AND PHYSL	. 103.		
	3 HIJURS	1567		,		2.2.2	0.511 1141	
	40685	LECT LAB		1-3	M W F	328	BEV HALL BEV HALL	BROWN
א בר	231 FO	ons.						
11 60	PREREQU	ISITE: CHE	M. 102; F	. FC. 133				
	3 HOURS							
	40693	LECT	Δ.	10	M N	328	BEV HALL	LAFONT
	40715	LAB	В	8-11	้าบ ้าห	362	BEV HALL BEV HALL BEV HALL	LAFONT
	*CREDIT		CTOR. VEN FOR B	OTH H. EC	. 240 AND 3	51.		
	*CREDIT *3 OR 5	IS NOT GI HOURS	VEN FOR 8	CN DAYS	TO BE APPAN	GEC.	BEV HALL BEV HALL BEV HALL BEV HALL	CRUSTUS
H EC	*CREDIT *3 OR 55 SECTION 40723 40731 40740 40758	IS NOT GI HIDURS C WILL ME LECT LAB LAB LAB RIDD STYLE ISITE: ART	VEN FOR B ET 8-123C A B C	CN DAYS 3 8-1230 8-1230 ARR FURNISHI	TO BE ARRAN  M W F  TU TH  NGS.	GEC. 291 292 292 292 292		
H EC	*CREDIT *3 GR 5 SECTION 40723 4C731 40740 40758	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB LAB RIOD STYLE ISITE: ART	VEN FOR B ET 8-123C A B C	CN DAYS 3 8-1230 8-1230 ARR FURNISHI	TO BE ARRAN  M W F  TU TH  NGS.	GEC. 291 292 292 292 292		
H EC	*CREDIT *3 OR 55 SECTION 40723 40731 40740 40758	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB LAB RIOD STYLE ISITE: ART	VEN FOR B ET 8-123C A B C	CN DAYS 3 8-1230 8-1230 ARR FURNISHI	TO BE ARRAN  M W F  TU TH  NGS.	GEC. 291 292 292 292 292	BEV HALL BEV HALL BEV HALL BEV HALL BEV HALL	
	*CREDIT ** *3 OR *5 *SECTION ** *40723 *40740 *40758  260 PE PRESEQU 3 HOURS *40766	IS NOT GI HIDURS C WILL ME LECT LAB LAB LAB LAB RIDD STYLE ISITE: ART LECT LAB	VEN FOR B ET 8-123C A B C S IN HOME 185 OR E	CN DAYS 3 8-1230 8-1230 ARR  FURNISHIE CUIVALENT 10 10-12	TO BE ARRAN  M W F  TU TH  NGS.  M W F	GEC. 291 292 292 292 292		
H EC	*CREDIT ** *3 OR 5 SECTION ** *40723 ** *40740 ** *40740 ** *40758 ** *260 PE PREFERU 3 HOURS ** *40766 ** *263 TE PREREAU FIELD T	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB RIOD STYLE ISITE: ART LECT LAB XTILE DESI ISITE: AFT	VEN FOR B ET 8-123C A B C S IN HOME 185 OR E	CN DAYS 3 8-1230 8-1230 ARR FURNISHII CUIVALENT 10 10-12 ING. QUIVALENT	TO BE ARRAN  M W F  TU TH  NGS.  M W F	GEC. 291 292 292 292 292		
	**CREDIT ** **3 OR 5 SECTION ** **40723 ** **40740 ** **40758 **  260 PE PRESEQU 3 HOURS ** **40766 **  263 TE PREREQU FIELD T 3 HOURS ** **3 HOURS ** **40766 **  263 TE PREREQU FIELD T 3 HOURS ** **40766 **  264 TE PREREQU FIELD T 3 HOURS **  **40766 **  265 TE PREREQU FIELD T 3 HOURS **  **40766 **  267 TE PREREQU FIELD T 3 HOURS **  **40766 **  268 TE PREREQU FIELD T 3 HOURS **  **40766 **  **40766 **  268 TE PREREQU FIELD T 3 HOURS **  **40766 **  268 TE PREREQU FIELD T 3 HOURS **  **40766	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB RIOD STYLE ISITE: ART LECT LAB XTILE DESI ISITE: AFT	VEN FOR B ET 8-123C  A B C S IN HOME 185 OR E	CN DAYS 3 8-1230 8-1230 ARR  FURNISHI CUIVALENT 10 10-12  ING. QUIVALENT NSE \$10.	TO BE ARRAN  M W F  TU TH  NGS.  M W F	GEC. 291 292 292 292 292		ALE XANDER ALEXANDER
	**CREDIT ** **3 OR 5 SECTION ** **40723 ** **40740 ** **40740 ** **40758 ** **260 PE PRESEQU 3 HOURS ** **40766 ** **263 TE PREREJU FIELD I 3 HOURS ** **40774 ** **270 FAM ** ** **270 FAM ** ** **270 FAM ** ** ** ** ** ** ** ** ** ** ** ** **	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB LAB LAB RIOD STYLE ISITE: ART LECT LAB  XTILE DESI ISITE: APT RIP, ESTIM LAB-DISC	VEN FOR B ET 8-123C  A B C S IN HOME 185 OF E  GNPRINT 186 OR E ATED EXPE	CN DAYS  3 8-1230 8-1230 ARR  FURNISHI CUIVALENT 10 10-12 ING. QUIVALENT NSE \$10. 3-5	TO BE ARRAN  M W F TU TH  NGS.  M W F	GEC. 291 292 292 292 292 328 222	BEV HALL BEV HALL	ALE XANDER ALEXANDER
H EC	**CREDIT** **3 OR 5   **SECTION 40723   **40740   **40740   **40758   **260 PE PRESEQU 3   **HOURS   **40766   **263 TE PREREJU FIELD T 3   **HOURS   **40774   **270 FAM PREREGU PRER	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB LAB RIOD STYLE ISITE: ART LECT LAB  XTILE DESI ISITE: ART LAB-DISC MILY FINAN ISITE: ECO	VEN FOR B ET 8-123C  A B C S IN HOME 185 OF E  GNPRINT 186 OR E ATED EXPE	CN DAYS  3 8-1230 8-1230 ARR  FURNISHI CUIVALENT 10 10-12 ING. QUIVALENT NSE \$10. 3-5	TO BE ARRAN  M W F  TU TH  NGS.  M W F	GEC. 291 292 292 292 292 328 222	BEV HALL BEV HALL	ALE XANDER ALEXANDER
H EC	**CREDIT ** **3 OR 5 SECTION ** **40723 ** **40740 ** **40740 ** **40758 ** **260 PE PRESEQU 3 HOURS ** **40766 ** **263 TE PREREJU FIELD I 3 HOURS ** **40774 ** **270 FAM ** ** **270 FAM ** ** **270 FAM ** ** ** ** ** ** ** ** ** ** ** ** **	IS NOT GI HOURS C WILL ME LECT LAB	VEN FOR B ET 8-123C  A B C S IN HOME 185 OR E  GNPRINT 186 OR E ATED EXPE	CN DAYS 3 8-1230 8-1230 ARR  FURNISHIE CUIVALENT 10 10-12 ING. QUIVALENT NSE \$10. 3-5  GEMENT. D 103 OF	TO BE ARRAN  M W F  TU TH  NGS.  TU TH	GEC. 291 292 292 292 292 328 222	BEV HALL BEV HALL	ALE XANDER ALEXANDER BERMAN
H EC	**CREDIT ** **3 OR 5 SECTION ** **40723 ** **40740 ** **40740 ** **40766 **  260 PE PREFEQU 3 HOURS ** **40766 **  263 TE PREFEQU 5 HOURS ** **40774 **  270 FAR PREFEQU 9 HOURS ** **40782 ** **40782 ** **271 HOURS ** **40782 **	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB RIOD STYLE ISITE: ART LECT LAB XTILE DESI ISITE: APT RIP, ESTIM LAB-DISC MILY FINAN ISITE: ECO LECT ME MANAGEM -HOME ECON	VEN FOR B ET 8-123C  A B C S IN HOME 185 OR E  GNPRINT 186 OR E ATED EXPE  CIAL MANA N. 102 AN	CN DAYS 3 8-1230 8-1230 ARR  FURNISHIE CUIVALENT 10 10-12 ING. QUIVALENT NSE \$10. 3-5  GEMENT. D 103 OF 9  ORS.	TO BE ARRAN  M W F  TU TH  NGS.  TU TH	GEC. 291 292 292 292 292 328 222	BEV HALL BEV HALL BEV HALL	ALE XANDER ALEXANDER BERMAN
H FC	**CREDIT ** **3 OR 5 SECTION ** **40723 ** **40740 ** **40740 ** **40766 **  260 PE PREFEQU 3 HOURS ** **40766 **  263 TE PREFEQU 5 HOURS ** **40774 **  270 FAR PREFEQU 9 HOURS ** **40782 ** **40782 ** **271 HOURS ** **40782 **	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB RIOD STYLE ISITE: ART LECT LAB  XTILE DESI ISITE: APT RIP, ESTIM LAB-DISC MILY FINAN ISITE: ECO LECT	VEN FOR B ET 8-123C  A B C S IN HOME 185 OR E  GNPRINT 186 OR E ATED EXPE  CIAL MANA N. 102 AN	CN DAYS 3 8-1230 8-1230 ARR  FURNISHIE CUIVALENT 10 10-12 ING. QUIVALENT NSE \$10. 3-5  GEMENT. D 103 OF 9  ORS.	TO BE ARRAN  M W F  TU TH  TU TH	GEC. 291 292 292 292 292 292 292 234 222	BEV HALL BEV HALL BEV HALL	ALEXANDER ALEXANDER BERMAN GUTHRIE
H FC	**CREDIT** **3 OR 5 SECTION **40723 **40740 **40740 **40758  260 PE PREREQU 3 HOURS **40766  263 TE PREREQU 3 HOURS **40774  270 FA PREREQU 3 HOURS **40782  271 HOURS **40782  271 HOURS **40782  271 HOURS **40791	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB RIOD STYLE ISITE: ART LECT LAB  XTILE DESI ISITE: APT RIP, ESTIM LAB-DISC MILY FINAN ISITE: ECO LECT ME MANAGEM HOME ECON LECT ME MANAGEM ISITE: ECO	VEN FOR B ET 8-123C  A B C S IN HOME 185 OR E 185 OR E  GNPRINT 186 OR E ATED EXPE  CIAL MANA N. 102 AN  ENT. OMICS MAJ  ENT. N. 102 AN 4, CONSEN	CN DAYS 3 8-1230 8-1230 ARR  FURNISHI CUIVALENT 10 10-12  ING. QUIVALENT NSE \$10. 3-5  GEMENT. D 103 OF 9  ORS. 11	TO BE ARRAN  M W F  TU TH  TU TH  108, H. EC.  M W F	GEE. 291 292 292 292 292 292 292 292 292 292	BEV HALL BEV HALL BEV HALL	ALEXANDER ALEXANDER BERMAN GUTHRIE
H FC	**CREDIT ** **3 OR 5 SECTION ** **40723 ** **40740 ** **40740 ** **40740 ** **40766 **  **260 PE PREFEQUAL ** **40766 **  **263 TE PREFEQUAL ** **40766 **  **270 FAI HOURS ** **40791 **  **271 HOURS ** **40791 **  **273 HOURS ** **40791 **  **274 HOURS ** **40791 **  **40791 **  **40791 **  **40791 ** **40791 **  **4079	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB RIOD STYLE ISITE: ART LECT LAB XTILE DESI ISITE: ART LECT LAB LAB-DISC MILY FINAN ISITE: ECO LECT ME MANAGEM HOME ECON LECT ME MANAGEM ISITE: ECO LECT ME MANAGEM ISITE: ECO LECT MORE MORE MORE MORE MORE MORE MORE MORE	VEN FOR B ET 8-123C  A B C S IN HOME 185 OR E 185 OR E ATED EXPE  CIAL MANA N. 102 AN  ENT. OMICS MAJ	CN DAYS 3 8-1230 8-1230 ARR  FURNISHII CUIVALENT 10 10-12  ING. QUIVALENT NSE \$10. 3-5  GEMENT. D 103 OF 9  ORS. 11  D 103, OR T OF INSTI	M W F TU TH  NGS.  M W F  TU TH  108, H. EC.  M W F	GEC. 291 292 292 292 292 292 292 292 292 292	BEV HALL BEV HALL BEV HALL BEV HALL	ALEXANDER ALEXANDER BERMAN GUTHRIE
H FC	**CREDIT** **3 OR *5 SECTION **40723 **40740 **40740 **40758  260 PE PRESEDU **3 HOURS **40766  263 TE **PREREDU **FIELD **TI **3 HOURS **40774  270 FA **PREREQU **3 HOURS **40791  271 HO **FIELD **	IS NOT GI HOURS C WILL ME LECT LAB LAB LAB RIOD STYLE ISITE: ART LECT LAB XTILE DESI ISITE: ART LECT LAB LAB-DISC MILY FINAN ISITE: ECO LECT ME MANAGEM HOME ECON LECT ME MANAGEM ISITE: ECO LECT ME MANAGEM ISITE: ECO LECT MORE MORE MORE MORE MORE MORE MORE MORE	VEN FOR B ET 8-123C  A B C S IN HOME 185 OR E 185 OR E  GNPRINT 186 OR E ATED EXPE  CIAL MANA N. 102 AN ENT. OMICS MAJ	CN DAYS 3 8-1230 8-1230 ARR  FURNISHIE CUIVALENT 10 10-12  ING. QUIVALENT NSE \$10. 3-5  GEMENT. D 103 OP 9  ORS. 11  D 103, OR T OF INSTI	TO BE ARRAN  M W F  TU TH  NGS.  M W F  TU TH  108, H. EC.  TU TH	GEE. 291 292 292 292 292 292 292 292 292 292	BEV HALL BEV HALL BEV HALL BEV HALL	ALE XANDER AL EXANDER  BERMAN  GUTHRIE

H EC 280 HOUSEHOLD TEXTILES. PREREQUISITE: H. EC. 183. 2 HOURS 3-5 TU TH 208 BEV HALL WARFIELD 40812 LAB-DISC NON-TEXTILE APPAREL AND ACCESSORY MATERIALS. H FC 281 PREREQUISITE: H. EC. 183. PRERCW-2 HOURS LAB 40821 8-10 TU TH 208 BEV HALL TREBILCOCK COSTUME DESIGN. H FC 284 PREREQUISITE: ART 186 OR 120, H.EC. 184. 2 HOURS 1 AB-DISC 10-12 M W 132 BEV HALL ANSPACH 40930 CLOTHING DESIGN-FLAT PATTERN. H FC PREREQUISITE: ART 186 DR 120, H. EC. 182, 183 AND 184. 3 HOURS Α 108 BEV HALL 108 BEV HALL 9-12 TU TH 2 WOLLANEK 40847 LAR ANSPACH 40855 LAB R 2-5 TU TH CONSUMER CLOTHING PROBLEMS. H EC PREREQUISITE: ECON. 108, H. EC. 183 OR 184, PSYCH. 100 OR 103. SOC. 100. HOURS 40863 LECT-DISC 2 M W 242 BEV HALL H EC 292 THESIS. PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT. 3 TO 5 HOURS \*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF  $4.0_{\circ}$ CONF ARR 40871 STAFF A 40880 CONE \*£B ARR COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES H FC ADVANCED PROBLEMS IN HOME GUIDANCE OF CHILDREN. PREREQUISITE: H. EC. 202 AND 203, CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT \*LAB &E IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0. \*LAB I OPEN TO GRADUATE STUDENTS ONLY AND WILL MEET 9-12 ON DAYS TO BE ARRANGED. 40898 LECT-DISC TU TH 12 C D 40901 LAB 9-12 109 C D NURSERY SCHOOL TU В 40910 LAB 9-12 109 C D STAFE 40928 LAB Č. 9-12 TH 109 C D 40936 LAB Ð 9-12 109 C D 1 48 40979 \*8F 2-5 TU 109 C D LAB 40944 F 2-5 109 C D G TH 40952 2-5 109 C D LAB 40961 2-5 E 109 ы C D 109 C D 40987 \*1 1 AB 9-12 H EC 313 ECONOMICS OF CONSUMPTION. SAME AS ECON 313. PREREQUISITE: ECON. 102 OR 108: A COURSE IN APPLIED STATISTICS.
3 HOURS, OR 3/4 OR 1 UNIT
0995 LECT-DISC G 3 M W F 242 BEV HALL 40995 H EC 320 DIET IN DISEASE. PREREQUISITE: H. EC. 220. 3 HOURS OR 1/2 UNIT

8-10 TH

8-10

41 001 LECT

LAB

328 BEV HALL 338 BEV HALL

BROWN

BROWN

н ЕС	22/ 00 001 EME IN MILEOSTION	
H EC	324 PROBLEMS IN NUTRITION. SAME AS F. S. 324.	
	PREREQUISITE: CHEM. 354 OR 350 AND 355, H. EC. 220, SENIOR STANDING.	
	3 TO 5 HOURS, OR 1/2 TO 1 UNIT *ONLY STUDENTS REGISTERING FOR 5 HOURS OR 1 UNIT CREDIT	
	INCLUDE LABORATORY.	
	41010 LECT 8 M W F 449 BEV HALL 41028 LAB *A 9-12 F 420 BEV HALL	HASKELL
	41036 LAB *&B 9-12 F 420 BEV HALL	HASKELL
56	22/ 005555777777005 00776570 75 100 7557077075	
H EC	326 PRESENTATIONS: PRINCIPLES AND TECHNIQUES. PREREQUISITE: SENIOR STANDING, CONSENT OF INSTRUCTOR.	
	FIELD TRIP, ESTIMATED COST \$15. 3 HOURS OR 1/2 UNIT	
	41044 LECT I TU 328 BEV HALL	DOWNEY
	LAB 2-5 TU 328 BEV HALL 1-4 TH 328 BEV HALL	DOWNET
H EC	PREFECULISITE: H. FC. 231. MCBIO. 100. 101.	
	PREREQUISITE: H. EC. 231, MCBIO. 100, 101. *FOR 1 UNIT TWO ADDITONAL HOURS WILL BE SCHEDULED.	
	*3 HOURS, OR 3/4 OR 1 UNIT 41052 LECT *1 F 449 BEV HALL	
	LAB *1-4 M W 362 BEV HALL	
H EC	331 PROBLEMS IN FOODS.	
., 20	PREREQUISITE: H. EC. 330.	
		VAN DUYNE
	41079 LAB-DISC &B ARR 486 BEV HALL	
H EC	350 INSTITUTION AND RESTAURANT MANAGEMENT: ORGANIZATION AND	
n cu	ADMINISTRATION.	
	PREREQUISITE: H. EC. 220 AND 240. FIELD TRIPS, ESTIMATED COST, \$20 TO \$25.	
	*CREDIT IS NOT GIVEN FOR BOTH H. EC. 350 AND H. EC. 351. *4 HOURS OR 1 UNIT	
	41087 LECT-DISC 10-12 TH 291 BEV HALL	HUNZICKER HUNZICKER
	LAD 2-0 F 271 DEV MALL	HUNZICKER
H €C	355 SPECIALIZED QUANTITY FOOD PRODUCTION AND MANAGEMENT.	
	PREREQUISITE: H. EC. 240, CREDIT OR REGISTRATION IN H. EC. 350 OR CONSENT OF INSTRUCTOR.	
	3 HOURS OR 3/4 UNIT	HUNZICKER
		CRUSIUS
H EC	361 DEVELOPMENT AND FUNCTION OF FAMILY HOUSING. SAME AS AG. M. 361.	
	PREREQUISITE: H. EC. 160 AND 171 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT	
	41109 LECT A 11 M W 240 AGR ENG	HANSEN
	LAB A 10-12 F 209 AGR ENG	HANSEN
H EC	377 HOME ECONOMICS, COOPERATIVE EXTENSION.	
	PREREQUISITE: ECON. 108; PSYCH. 100 AND SOC. 100, OR EDPSY. 211, OR AGR. 206; CONSENT OF INSTRUCTOR.	
	FIELD TRIPS.	
		DUNLAP
	8-10 TH 154 BEV HALL	
H EC	378 PROBLEMS IN HOME MANAGEMENT.	
1, 60	PREREQUISITE: H. EC. 270 OR 262, CONSENT OF INSTRUCTOR.	
	3 HOURS, OR 1/2 OR 1 UNIT 41125 CONF ARR	ALEXANDER
		GOODYEAR
н ес	379 PROBLEMS IN FAMILY AND CONSUMPTION ECONOMICS.	
псС	379 PROBLEMS IN FAMILY AND CONSUMPTION ECONOMICS. PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN APPLIED STATISTICS, H. EC. 370, H. EC. 313, OR CONSENT OF INSTRUCTOR, SENIOR STANDING.	
	3 HOURS, OR 1/2 OR 1 UNIT	
	41133 CONF & ARR	DUNSING

8 PROBLEMS IN TEXTILES AND CLOTHING.
PREREQUISITE: H. EC. 286 OR 380, OR MKTG. 211, MINIMUM GRADE
POINT AVERAGE OF 3.5, SENIOR STANDING IN HOME ECONOMICS, OR CONSENT H FC 388 OF INSTRUCTOR. 3 HOURS, UR 1/2 OR 1 UNIT 41141 ANSPACH AND TREBILCOCK H FC 395 FASHION ANALYSIS. PREREQUISITE: ADV. 281, SENIOR STANDING, CONSENT OF INSTRUCTOR.
FIELD TRIP, ESTIMATED EXPENSE, \$10.
3 HOURS OR 1/2 UNIT 41150 LECT-DISC 1 M W F 242 BEV HALL TREBILCOCK COURSES FOR GRADUATES H FC 418 SEMINAR IN CHILD DEVELOPMENT. PREREQUISITE: H. EC. 301. 1 UNIT 208 C D 41168 LECT-DISC 7-9PM W LAB 19 SEMINAR IN FAMILY RELATIONSHIPS.
PREREQUISITE: H. EC. 410. H EC 419 1 UNIT 41176 DISC 3-5 M W 208 C D MOWRER H FC 423 PROBLEMS IN HUMAN NUTRITION.
PREREQUISITE: H. EC. 324 OR EQUIVALENT. 1/2 OR 1 UNIT 41184 DISC H EC SEMINAR IN FOODS. PREREQUISITE: UNDERGRADUATE MAJOR IN FOODS AND NUTRITION. CHEMISTRY, MICROBIOLOGY, OR PHYSIOLOGY, AND CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT DISC 41192 449 BEV HALL VAN DUYNE H EC 480 SEMINAR IN TEXTILES.

PREREQUISITE: H. EC. 380 DR EQUIVALENT, CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT ARR 41206 DISC H EC 493 ADVANCED STUDIES IN HOME ECONOMICS. AUVAINCE
1/2 OR 1 UNIT
WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

A--THE CHILD AND THE FAMILY
A--THE CHILD AND THE FAMILY C--FOODS CONF \*B ARR
CONF \*C ARR
CONF \*C ARR D--NUTRITION E--TEXTILES AND CLOTHING \* 41214 STAFF 41222 CONF 41231 41249 ARR \* E 41257 H EC 499 THESIS RESEARCH. O TO 4 UNITS WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

\* A--THE CHILD AND THE FAMILY MILLS B--FAMILY AND CONSUMPTION ECONOMICS DUNSING C--FOODS \* VAN DUYNE \$ D--NUTRITION HASKELL SMITH \* E--TEXTILES AND CLOTHING 41265 CONF \*A ARR 41273 CONF CONF CONF ARR \*C \*D \*E 41281 41290 ARR 41303 ARR

# HORTICULTURE

DEPARTMENT OFFICE 124 M H

# COURSES FOR UNDERGRADUATES

HORT		NTRODUCTORY HO		•				
	3 HOURS							
		LECT-DISC	2	М	W F	W115	ТН	ZYCH
HORT	110 PI	ANT AND ANIMA	L GENETICS					
	51	AME AS AN. S.,	AURUN., AI	MD D. 2.	110.			
		JISITE: BIOL.	110 AND 11	1 OF BOT	. 100 (0	DR BOT.	101)	
	3 HOURS	DL. 104.						
	41320 41338	LECT	2	М	W	W109	TH	ALEXANDER
	41338	LAB	I 1-	-3	TU	₩ 13	TH	
	41346 41354	LECT LAB LAB LAB	2 3	-3 -5 -3	TH	W 13	TH	
				,	• • • •	" "	, ,,	
HODE	100 (11)	DERGRADUATE C	DEN CEMINA	n				
HUKI		REPEATED.	PEN SEMINA	K o				
	*0 TO 9	HOURS						
	41362	CONF	ARR					STAFF
		COUR	SES FOR AD	VANCEC U	NDERGRAD	DUATES		
HORT	211 HO	DME GROUNDS DE	VELOPMENT .	AND CONS	TRUCTION			
	PREREQU	JISITE: L. A.	152 AND HUI	RT. 210.	OR CONS	SENT OF	INSTRUCTOR.	
	3 HOURS 41371		9	м		102	FLOR	NEL SON
	413/1	LAB	10-	-12 M	F	234	BEV HALL	MET 20M
HORT	226 01	DDING AND FOL	TACE DIANT	c				
THURS	PREREQU	JISITE: HORT.	122 OR BOT	. 100.				
	3 HOURS	5						
	41389	LECT	8	-10 M	W _	103	FLOR	FOSLER
		LAB	8.	-10	r	101	FLUK	
HORT		ARDEN FLOWERS. JISITE: BOT. 1						
	3 HOURS		00.					
	41397	LECT-DISC		M	W F			SAUPE
		LAB	ARR			101	FLOR	
HOPT		ORAL DECORATI						
	PREREQU 3 HOURS	JISITE: JUNIOR						
	41401	LECT	2		TU	103	FLOR	CULBERT
	41419	LAB	A 10-	-12	TU TH	101	FLOR	
	41427 41435	LECT LAB LAB LAB	В 10-	-12 M	W	101	FLOR	
	41435	LAB	L 3-	-5 M	W	101	FLUK	
HORT		VANCED FLORAL DRICULTURE STU			LOWER SH	OP MAN	AGEMENT.	
	PREREQU	JISITE: HORT.	231.	•				
	3 HOURS							
	41443	LECT LAB	2	-5	TH	103	FLOR FLOR	CULBERT
		CAU	3.		13 In	101	· LON	
	224	10.5. 11.1.1.05						
HORT	236 10	JRF MANAGEMENT JISITE: BOT. 1	00					
	3 HOURS	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	00.					
	41451	LECT	1		TU TH	103	FLOR FLOR	BUTLER
		LAB	2		TU TH	101	FLOR	
HORT		RUIT SCIENCE,						
	PREREQU 3 HOURS	ISITE: BOT. 1	00.					
		LECT-DISC	11	М	WF	103	FLOR	DAYTON, ZYCH

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HORT	PREREQUI THE INST PRIOR TO	RUCTOR AND A	PEN TO STUDE! NUTHORIZED DE ROLLMENT AND	NTS ON PROBAT EPARTMENTAL J REGISTRATION	APPROVAL	TTEN CONSI IS REQUIRE	ENT OF ED STAFF
HORT	PREREQUI OF ORGAN 4 HOURS *ADDITIO	IC CHEMISTRY	BE ARRANGED	DR EQUIVALENT IN N107 TURP M W E	NER HALL	AT 12 0°CL	
HORT	PREREQUI COURSE.	OR 3/4 OR 1 LECT-DISC	335. 108, AG. EC.	230 OR AN E		M H	NG
HORT	340 INT	RODUCTION TO	APPLIED STA	ATISTICS.			
TOIL	SAM	E AS AG. E.		S. D. S., 1	. S. FOR	AND	
	PREREQUI	M. S. 340. SITE: MATH. OR 3/4 UNIT	111 OR 112 O	OR 104, OR EG	QUIVALENT	•	
	41508	LECT	9	TU TH	W1C9		SEIF
	41516 41524	LAB-DISC LAB-DISC	1 1-1		W223	TH	
	41532	LAB-DISC	3 1-	3 W	W121	T H	
	41541	LAB-DISC	4 3 -5	5 ₩	W223	ТН	
				FOR GRADUATE	ES		
HORT	SAM PREREQUI	ERAL NUTRITI E AS BOT. AN SITE: BOT. 3	ID AGRON. 424		CTOR.		
	1 UNIT 41559	LECT-DISC	1 8	TU TH	S W115	ТН	HAGEMAN
			1 9		S W115	ТН	
HORT	SAM		AGRON., AN.	OGICAL EXPER		OR ++	
	3/4 UNIT						
	41567 41575	L ECT LAB-DISC	1 9	м н 3 Тн	W109 W223	TH	SEIF CARMER
	41583		1 1-3		W223	TH	WALKER
HORT		TICULTURE SE SITE: GRADUA		IN HORTICUL	TURE OR A	LLIED FIE	-0 S•
		LECT-DISC	4	W	W115	T H	STAFF
HORT	PREREQUI	EARCH METHOD SITE: CHEM. • 5 HOURS OF	122 OR EQUIT	JLTURE. /ALENT, CHEM.	133 OR	EQUIVALEN	Τ,
	41605	LECT-DISC	10-1	12 TU TH	203	VEG CROP	MCCOLLUM AND
		LAB	1 -4	· W	203	VFG CROPS	S SPLITISTOESSER
HORT	PREREQUI AND ALLI 1/2 TO 2	ED SUBJECTS UNITS	HOURS OF U	TURE. NDERGRADUATE AND TWELVE H			
	41613	CONF	ARR				STAFF

HORT 499 THESIS RESEARCH. REQUIRED FOR MAJOR IN HORTICULTURE. PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR. O TO 4 UNITS

41621 CONF ARR

#### HUMANITIES

STAFF

### COURSES FOR UNDERGRADUATES

THE HUMANITIES IN WESTERN CULTURE, II. HUMAN 152 PREREQUISITE: HUMAN. 151. 4 HOURS 240 ADMIN 433 ARMORY 433 ARMORY 337 ARMORY 41630 LECT-DISC 8-10 TU TH PEDERSEN В 41648 LFCT-DISC 8-10 W F TU TH WIBLE 41656 LECT-DISC 10-12 BRANDABUR 41664 LECT-DISC D 2-4 TU TH BRANDABUR M W W TH TH TH TH LEC T-DISC E 41672 10-12 NIETO 41681 LECT-DISC 2-4 COHEN LECT-DISC H LECT-DISC I LECT-DISC J 41699 10-12 SATTIN 41702 2-4 PEDERSEN 41711 2-4 10-12 TU TH PALMBERG

99 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. HUMAN 199 \*0 TO 9 HOURS 41737 CONF

41729

## COURSES FOR ADVANCED UNDERGRADUATES

INTRODUCTION TO THE NEW TESTAMENT.
OPEN TO SOPHOMORES IN GOOD STANDING. HUMAN 202 3 HOURS 114 D K H 120 ARCH 9 M W F 41745 LECT-DISC A ROBBINS 41753 LECT-DISC B 10 SCHOEDEL HUMAN 203 THE PENTATEUCH. PREREQUISITE: HUMAN. 201. 3 HOURS 3 M W F 209 DKH 41761 LECT-DISC A MARBLESTONE 6 THE PARABLES OF JESUS.
PREREQUISITE: HUMAN. 202. HUMAN 206 3 HOURS

LECT-DISC A 11 41770 433 ARMORY ROBBINS M W F

HUMAN 212 THE GROWTH OF AMERICAN CULTURE, II.

PREREQUISITE: JUNIOR STANDING. 4 HOURS 41788 LECT-DISC A MTUWTH 66 LIB CARRINGER

HUMAN 256 INTRODUCTION TO FRENCH LITERATURE, IN TRANSLATION, II.

SAME AS FR. 256. NOT OPEN TO STUDENTS MAJORING IN FRENCH.

4 HOURS 41796 LECT-DISC 10 M W F 219 G H B. BOWEN

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NINETEENTH CENTURY LITERATURE IN TRANSLATION. HUMAN 315 SAME AS RUSS. 315.

NO KNOWLEDGE OF RUSSIAN REQUIRED.
3 HOURS OR 1 UNIT

41800 LECT-DISC G 3-415 M W 392 L H BRISTOL HUMAN 364 INTRODUCTION TO COMPARATIVE LITERATURE, II.
SAME AS C. LIT. 364.
3 HOURS OR 3/4 UNIT SMALLEY 41818 LECT-DISC A 41826 LECT-DISC B TU TH 176 L H TU TH 370 L H SMALLEY INDONES IAN DEPARTMENT DEFICE 201, 1208 W. CALIFORNIA COURSES FOR ADVANCED UNDERGRADUATES 2 ELEMENTARY INDONESIAN, II. ALL STUDENTS ARE REQUIPED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY. INDON 202 PREREQUISITE: INDON 201. 5 HOURS OPEN TO FRESHMEN. \*ONE ADDITIONAL HOUR TO BE ARRANGED. 405 M H 405 M H 41834 LECT-DISC \*2 YEGGRLEHNER \*1 TU COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 4 INTERMEDIATE INDONESIAN, II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK
IN THE LANGUAGE LABORATORY.
PREREQUISITE: INDON. 303 OR EQUIVALENT. INDON 304 \*THO ADDITIONAL HOURS TO BE ARRANGED.

41842 LECT-DISC #3 M W F 405 M H YEGERLEHNER INDUSTRIAL ENGINEERING DEPARTMENT OFFICE 144 M E B COURSES FOR UNDERGRADUATES

I E 199 UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED.

\*O TO 9 HOURS

41851 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES

I E 232 METHODS - TIME ANALYSIS.

PREREQUISITE: M. E. 185, OR EQUIVALENT; JUNIOR STANDING.

3 HOURS

41769 LAB-DISC E 1-3 M W 235 M E B

I F 237 MANUFACTURING ORGANIZATION AND OPERATION.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING.
3 HOURS
41877 LECT-DISC D 11 M W F 253 M E B

I E 282 PROCESS PLANNING AND ECONOMY IN MANUFACTURING.
PREREQUISITE: M. E. 185 OR EQUIVALENT: SENIOR STANDING IN
ENGINEERING.
3 HOURS
41885 LECT-DISC P 1 TU TH 218 M E.

 41885
 LECT-DISC
 P
 1
 TU TH
 218
 M E B

 41893
 LAB
 L1
 9-12
 TU
 135
 M E B

 41907
 LAB
 Q
 2-5
 TU
 135
 M E B

1 6 OPERATIONS ANALYSIS. 286 PREREQUISITE: 1. E. 232 AND MATH 263, OR CONSENT OF INSTRUCTOR. 3 HOURS 41915 LECT-DISC B Q M W F 243 M F B I F 287 JOB EVALUATION AND WAGE INCENTIVES. PREREQUISITE: 1. E. 232 OR EQUIVALENT, SENIOR STANDING. 3 HOURS 41923 LECT-DISC D 235 M F B 8 INDUSTRIAL SYSTEMS ANALYSIS AND DESIGN.
PREREQUISITE: CREDIT OR REGISTRATION IN 1. E. 282 AND 286. 1 8 288 3 HOURS F 243 M E B 41931 LECT-DISC CQ3 10 O SENIOR PROJECT LABORATORY.

PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING.
\*MAY BE REPEATED FOR CREDIT. ΙE 41940 CONF SEMINAR.

PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, MUST BE
TAKEN FIRST SEMESTER OF SENIOR YEAR. T E 291 O CREDIT н 41958 LECT 253 M F B 1 F SPECIAL PROJECTS. PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING. CONSENT OF HEAD OF DEPARTMENT. 3 HOURS 41966 CONF ARR 96 HONDRS PROJECT. PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR. I E 1 TO 4 HOURS 41974 CONF £. Z ARR COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES 306 QUANTITATIVE METHODS IN ERGONOMICS. SAME AS P. E. AND PHYSL. 306. PREREQUISITE: I. E./PHYSL. 305. 4 HOURS OR 1 UNIT I E 41982 LAB 1-4 TU TH 422 BUR HALL HERTIG. JOHNSON I E 332 STANDARD TIME SYSTEMS. PREREQUISITE: 1. E. 232.
3 HOURS, OR 3/4 OR 1 UNIT 41991 8-10 TU TH 235 M E B PICAGE ENGINEERING APPLICATIONS OF STATISTICS. PREREQUISITE: MATH. 263 OR MATH. 363.
3 HOURS, OR 3/4 OR 1 UNIT
42007 LECT-DISC 3 M M W F 243 M E B HENRY 1 F 334 INTRODUCTION TO RELIABILITY ENGINEERING. SAME AS G. E. 334.

PREREQUISITE: I. E. 333 OR MATH. 361 OR EQUIVALENT WITH CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 OR 1 UNIT 42015 LECT-DISC 11 M W F 243 M E B HENRY MANUFACTURING PROCESS AND TOOL DESIGN.
PREREQUISITE: 1. F. 282 OR UNDERGRADUATE COURSE IN ENGINEERING ECONOMY. 3 HOURS, OR 3/4 OR 1 UNIT 42023 M W F 135 M E B DOYLE

1 6 SAFETY ENGINEERING. PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT 42031 LECT-DISC 8

M W F 218 M E B HARPER

PROBLEMS IN SAFETY ENGINEERING.
PREREQUISITE: I. E. 357 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
42040 LECT-DISC ARR I E 358

HARDED

386 INDUSTRIAL ENGINEERING ANALYSIS.
PREREQUISITE: MATH. 263 AND I. E. 286, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
42058 LECT-DISC 10-12 TU TH 243 M E B 1 6

### COURSES FOR GRADUATES

I E 402 SCIENTIFIC MANAGEMENT, II. SAME AS B. ADM. 402.
PREREQUISITE: B. ADM. OR I. E. 401: BACKGPOUND IN COMPUTER TECHNOLOGY OR CONSENT OF INSTRUCTOR. 1 TO 1 1/2 UNITS LECT-DISC 42 066 TU TH 235 M E B

MALLHAUS

417 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, 11. I F SAME AS C. E. 417.
PREREQUISITE: C. E. OR I. E. 416, CREDIT OR REGISTRATION IN MATH. 315, OR CONSENT OF INSTRUCTOR. 1 UNIT \*CIVIL ENGINEERING STUDENTS SHOULD REGISTER IN SECTION CE. \*INDUSTRIAL ENGINEERING STUDENTS SHOULD REGISTER IN SECTION LM. 42074 LECT-DISC \*CE 8-920 TU TH 322 E H 42082 LECT-DISC \*LM 8-920 TU TH 243 M E B

WOODHEAD DESSOUKY

PRODUCTION ENGINEERING. PREREQUISITE: I. E. 453. 1 UNIT 42091 LECT-DISC ARR

PIGAGE

458 LABORATURE ... 1/2 TO 1 1/2 UNITS 42104 CONF LABORATORY INVESTIGATIONS IN INDUSTRIAL ENGINEERING. I F ARR

PIGAGE, HARPER HENRY, DESSOUKY, WALLHAUS

MAJOR: TWENTY HOURS IN ITALIAN, EXCLUDING ITALIAN 101 AND 102, AND INCLUDING AT LEAST FIVE HOURS FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES, LINGUISTICS 300 AND ITALIAN 291 AND 292 ARE ACCEPTABLE.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN:
EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN,
GREEK, HISTORY, LATIN, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION
STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, AND SPANISH.

### COURSES FOR UNDERGRADUATES

ITAL 101 ELEMENTARY ITALIAN, I. \*NO CREDIT TOWARD GRADUATION IS GIVEN FOR ITAL. 101 WITHOUT

ITAL. 102. \*4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

LADURATU	MI SECTIONS	L3_L51.					
42112	LECT-DISC	C	10	TUWTHE	4	G	Н
42121	LECT-DISC	X	12	MTUWTH	108	L	н
42139	LAB	F 3	8	F	202	L	H
42147	LAB	F 5	9	F	202	Ł	Н
42155	LAB	F 7	10	F	202	L	Н
42163	LAB	F 9	11	F	202	L	Н
42171	LAB	F11	12	F	202	L	Н
42180	LAB	F13	1	F	202	L	Н
42198	LAB	F15	2	F	202	L	Н
42201	LAB	F17	3	F	202	L	Н
42210	LAB	F19	4	F	202	Ł	Н
42228	LAB	F21	5	F	202	L	Н

ITAL 102

2 ELEMENTARY ITALIAN, II. PREREQUISITE: ITAL. 101 OR ONE YEAR OF HIGH SCHOOL ITALIAN. 4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

LABORATORY SECTIONS F3-F21.

42236	LECT-DISC	D	11	TUWTHE	102	L H
42244	LECT-DISC	X	1.2	MTUWTH	102	L H
42252	LECT-DISC	E	1	MITUWTH	154	ADMIN
42261	LAB	F 3	8	F	202	LH
42279	LAB	F 5	9	F	202	L H
42287	LAB	F 7	10	F	202	L H
42295	LAB	F 9	11	F	202	L H
42309	LAB	F11	12	F	202	L H
42317	LAB	F13	1	F	202	L H
42325	LAB	F15	2	F	202	L H
42333	LAB	F17	3	F	202	L H
42341	LAB	F19	4	F	202	LH
42350	LAB	F21	5	F	202	L H

ITAL 103

INTERMEDIATE ITALIAN, I.
PREREQUISITE: ITAL. 102 OR TWO YEARS OF HIGH SCHOOL ITALIAN. 4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR CHE CF THE LANGUAGE

LABUKA	IUKY SECTIONS	M 3 - P	1660					
42368	LECT-DISC	X	12	MTUWT	Н	118	L	Н
42376	LAB	M 3	8-830	le	F	202	L	Н
42384	LAB	M 4	830-9	8	F	202	L	Н
42392	LAB	M 5	9-930	livi	F	202	L	Н
42406	LAB	M 6	930-10	W	F	202	L	Н
42414	LAB	M 7	10-1030	H	F	202	L	Н
42422	LAB	M 8	1030-11	lei .	F	2 0 2	L	Н
42431	LAB	M 9	11-1130	W	F	202	L	Н
42449	LAB	M10	1130-12	W	F	202	L	Н
42457	LAB	M11	12-1230	W	F	202	L	Н
42465	LAB	M12	1230-1	<b>B</b>	F	202	L	Н
42473	LAB	M13	1-130	M	F	202	L	Н
42481	LAB	M14	130-2	W	F	202	L	Н
42490	LAR	M1.5	2-230	W	F	202	1	н

	103 CONTINUED 42503 LAB 42511 LAB 42520 LAB 42538 LAB 42546 LAB 42554 LAB 42562 LAB		W F W F W F W F W F	202 L H 202 L H 202 L H 202 L H 202 L H 202 L H 202 L H	
ITAL	104 INTERMEDIATE I PREREQUISITE: ITAL . 4 HOURS 42571 LECT-DISC	. 103 OR THREE YEAR	S OF HIGH S	SCHOOL ITALIAN.	
ITAL	199 UNDERGRADUATE *MAY BE REPEATED. *0 TO 9 HOURS	OPEN SEMINAR.			
	42589 CONF	ARR			STAFF
		RSES FOR ADVANCED			
ITAL	212 COMPOSITION AN PREREQUISITE: ITAL. 3 HOURS				
	42597 LECT-DISC		M W F	176 L H	
ITAL	292 SENIOR THESIS. FOR CANDIDATES FOR 2 HOURS 42601 CONF	HONORS IN ITALIAN.			STAFF
	COURSES	FOR ADVANCED UNDE	RGRADUATES	AND GRADUATES	
ITAL	312 DANTELA DIVI PREREQUISITE: ITAL.	101 AND 102-			
	2 HOURS OR 1/2 UNIT 42619 LECT-DISC		TU TH	230 L H	PIETRANGELI
1 TAL	SAME AS C. LIT PREREQUISITE: JUNIO	R STANDING.			
	2 HOURS OR 1/2 UNIT 42627 LECT-DISC	10	TU TH	230 L H	KAHANE
ITAL	PREREQUISITE: ITAL: 2 HOURS OR 1/2 UNIT	101 AND 102.			
	42635 LECT-DISC			431 ARMORY	HERSHBERG
		COURSES FOR G			
IT AL	403 STORIA DELLA L *MAY BE REPEATED. *I UNIT				
	*I UNIT SECTION F TOPIC: FR 42643 LECT-DISC	F 2-4	F	230 L H	MONTANO
ITAL	416 ITALIAN LITERA 1 UNIT 42651 LECT-DISC	TURE OF THE RENAIS	SANCE.	223 L H	PIETRANGELI
ITAL	462 INTRODUCTION T SAME AS LING.,				
	SAME AS LING., 1/2 UNIT 42660 LECT-DISC		RT. 462. TU TH	176 L H	WANNER
ITAL	491 SPECIAL TOPICS 1/2 OR 1 UNIT	IN ITALIAN.			
	42678 CONF	ARR			STAFF

JAPANESE

DEPARTMENT DEFICE

201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

JAPAN 202 ELEMENTARY JAPANESE, II. PREREQUISITE: JAPAN. 201.

5 HOURS

JPEN TO FRESHMEN .

42694

LECT-DISC 2 MTUWTHF 210 C A

MAKINO. KINOSHITA, MAKIUCHI

JAPAN 204 INTERMEDIATE JAPANESE, II.

PREREQUISITE: JAPAN. 203 OR EQUIVALENT.

5 HOURS

LECT-DISC

MTUWTHE 204N H H

MAKINO. AKATSUKA

JAPANESE LITERATURE IN TRANSLATION, II. JAPAN 206

3 HOURS 3 HOURS 3 PEN TU FRESHMEN. NO KNOWLEDGE OF JAPANESE REQUIRED. 42716 LECT-DISC 10 M W F 311 D H

PLUTSCHOW

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

JAPAN 302

2 INTENSIVE JAPANESE, II.
PREREQUISITE: JAPAN. 301 OR EQUIVALENT.
10 HOURS OR 2 UNITS
OPEN TO FRESHMEN.
ALL UNDERGRADUATE STUDENTS MUST ENROLL IN BOTH SECTION 1 AND

SECTION 2.

\$ECTION 2.

42724 LECT-DISC 1 3-5 MTUWTHF 201 N L
42732 LECT-DISC 2 3-5 MTUWTHF 201 N L

MAKINO, KINDSHITA AKATSUKA. MAK TUCHT

JAPAN 304

304 ADVANCED JAPANESE, II.

PREREQUISITE: JAPAN. 303 OR EQUIVALENT.
5 HOURS OR I UNIT
42741 LECT-DISC ARR

PLUTSCHOW, MAK IUCHI

JAPAN 306 ADVANCED READINGS IN MODERN JAPANESE, II.

PREREQUISITE: JAPAN. 305 OR EQUIVALENT.

3 HOURS OR 1 UNIT

LECT-DISC

AKATSUKA

# JOURNALISM

120A G H DEPARTMENT OFFICE

# COURSES FOR UNDERGRADUATES

	C	JUUR SES	FOR UNDER	GRADUATES		
	GRICULTURAL J		ISM.			
	AME AS AGR. 1	14.				
3 HOURS 42767	L ECT-DISC		10	TU TH	313 M H	EVANS
42775	LAB	Α	1	TH	442 M H	2 4 4 14 3
42783	LAB	В	2	TH	442 M H	
	5.01	10 CT C T	OR ADVANCE	C HADEACOA	DUATES	
	COC	JKSES F	UK AUVANCE	LUNDERGRA	IDUATES	
	POGRAPHY.					
			N IN THE C	OLLEGE OF	COMMUNICATIONS O	R
3 HOURS	OF THE COLL	EUE .				
42791	LECT		2	TU TH	223 G H	HANSON
42805	LAB	Ε	1-3	H	31 G H	
42813	LAB	G	3~5	M	31 G H	
47 82 1	LAB	P1 P2	3-5 3-5	TU	31 G H 31 G H	
42830 42848	LAB LAB	Z1	7-9PM	TH M	31 G H	
42 856	LAB	22	7-9 PM	W	31 G H	
1011011 011						
	WSWRITING.	TRATIO	N IN THE C	OLLEGE OF	COMMUNICATIONS.	O.P.
	OF THE COLL		N IN THE C	OLLEGE OF	COMMONICALIONS!	UK
3 HOURS		202				
42864	LECT		I	TH	223 G H	HILDWEIN
42872	LAB	A	8-10	M W	25 G H	
42881 42899	LAB LAB	E	10-12 1-3	M W	25 G H 25 G H	
42 902	LAB	G	3-5	M W	25 G H	
42911	LAB	Ĺ	8-10	TU TH	25 G H	
42929	LAB	N	10-12	TU TH	25 G H	
42937	LAB	T	3 -5	TU TH	25 G H	
JOURN 212 PU	BLIC AFFAIRS	REPOR	TING.			
				RATION IN	THE COLLEGE OF	
	CATIONS, OR	CONSEN	T OF THE C	OLL EGE.		
3 HOURS	S ODITIONAL HOU	ne To	DE ADDANCE	0		
42945	LECT-DISC	M	9	TU TH	43 G H	71FF
42953	LECT-DISC	N	1	TU TH	225 G H	ERICKSON
42961	LECT-DISC	P	2	TU TH	4 G H	GILMORE
JOURN 214 AD	OVANCED AGRIC	III TIID A	I IOURNALT	CM		
	ME AS AGR. 2		L JOOKNALI	3114		
	ITSITE: JOURN		OR CONSENT	OF INSTRU	JCTOR.	
3 HOURS						
42970	LECT-DISC		9	TU TH	442 M H	DAHL
	LAB		8	ŦU	442 M H	
	INTEMPORARY A					
					THE COLLEGE OF	
	CATIONS, OR	CONSEN	T OF THE C	OLLEGE.		
2 HOURS 42988	LECT-DISC	D	11	TU TH	43 G H	GERSHEN
42996	LECT-DISC	S	2	TU TH	219 G H	ZIFF
43002	LECT-DISC	T	3	TU TH	113 G H	BOSTON
1010N 217	STORY OF COM	MUNITOR	TIONS			
	ISTORY OF COM		IIUNS.			
			N IN THE CI	OLLEGE OF	COMMUNICATIONS,	OR
CONSENT	OF THE COLL					
3 HOURS						
43011 43029	LECT-DISC LECT-DISC	E R	1 3	M W F	215 G H 215 G H	ERICKSON KNIGHTS
43029	FEC1-012C					KNI GH 13
		R	3-5	TH	215 G H	

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JOURN 220 PROCESSES AND SYSTEMS OF COMMUNICATION.
          SAME AS COMM. 220.

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR
          CONSENT OF THE COLLEGE.
           3 HOURS
           *SECTIONS B1 AND G1 ARE FOR STUDENTS IN THE COLLEGE OF
           COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS
B2 AND G2. ART-GRAPHIC DESIGN MAJORS SEE COMMUNICATIONS 220.
                     LECT-DISC *B1
LECT-DISC *B2
                                        10
                                                                    113 G H
113 G H
        43037
                                                                                             KRETITNG
                                                       М
        43053
                                            10
                     LECT-DISC *G1
LECT-DISC *G2
                                                                     113 G H
        43045
                                                              F
                                                                                             CAREY
                                              3
        43061
                                              3
JOURN 223
                PHOTO-JOURNAL ISM.
          COST OF MATERIALS APPROXIMATELY $15 PER STUDENT. CAMERAS ARE
           PROVIDED BY THE COLLEGE.
           PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS AND
           CONSENT OF INSTRUCTOR.
           3 HOURS
          **HECTURE-DISCUSSION BI AND LABS RI AND SI ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE-DISCUSSION B2 AND LAB R2 OR S2.

3070 LECT *BI 9 F 25 G H
        43070
                                                                                             HILDWEIN
                     LECT
                                 *B2
                                              q
                                                               F
                                                                      25 G H
        43100
                                              1-5
        43088
                     1 48
                                 *R1
                                                         TIL
                                                                      13 G H
13 G H
                                              1-5
        43118
                     LAB
                                 *R2
                                                         TU
                                             1-5
        43096
                     LAB
                                 *S1
                                                                      13 G H
        43126
                     LAB
                                 *52
                                              1-5
                                                                      13
               MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
JOURN 231
          SAME AS COMM. 231.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS. OR
          CONSENT OF THE COLLEGE.
           3 HOURS
           *SECTIONS DI AND EL ARE FOR STUDENTS IN THE COLLEGE OF
          COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLE IN SECTIONS D2
           AND E2.
        43134
                     LECT-DISC *D1
LECT-DISC *D2
LECT-DISC *E1
                                            11
                                                               F
                                                                     123 G H
                                                                                             BUSTON
                                                       М
                                                               F
                                                                     123 G H
        43151
                                            11
                                                       м
                                                               F
                                                                     123
        43142
                                                                           GH
                                                                                             GUBACK
        43169
                     LECT-DISC *E2
                                                                     123
          PUBLICATION DESIGN AND PRODUCTION.

PREREQUISITE: JOURN. 204 OR CONSENT OF INSTRUCTOR.
JOHRN 233
          2 HOURS
                                                                     31 G H
        43177
                     LECT-DISC
                                            10
                                                                                            HANSON
JOURN 241
                LAW AND COMMUNICATIONS.
           SAME AS COMM. 241.

PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
          CONSENT OF THE COLLEGE.
           3 HOURS
                                        2 M W F 113 G H
                                                                                            ALFELD
        43185
                     LECT-DISC
                SOCIAL ASPECTS OF MASS COMMUNICATIONS.
JOHRN 251
          SAME AS COMM. AND SOC. 251.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
          CONSENT OF THE COLLEGE.
           3 HOURS
        43193
                     LECT-DISC F
                                                                     215 G H
                                                                                             KREILING
        43207
                    LECT-DISC H
                                                                     215
                SPECIAL PROBLEMS.
JOURN 291
         PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
          2 OR 3 HOURS
                                          ARR
        43215
                     CONF
                                                                                             STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

JOURN 310 TYPOGRAPHIC DISCIPLINES OF THE BOOK. SAME AS ENGL. 392 AND LIB. S. 310.
PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT APP

LECT-DISC 43223

PREREQUISITE: CREDIT OR REGISTRATION IN JOURN. 204 AND 212; REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE COLLEGE. 4 HOURS OR 1 UNIT LECT 9 M W
LAB E 1-4 M W
LAB L 8-11 TU TH 215 G H 43231 SCHACHT 229 G H 229 G H 43240 GILMORE 43258 229 GH SLOVONSKY 43266 LAB 1-4 TU TH 229 SCHACHT 23 ADVANCED REPORTING.
PREREQUISITE: JOURN 211 AND 212; REGISTRATION IN THE COLLEGE OF JOURN 323 COMMUNICATIONS: OR CONSENT OF THE COLLEGE. 3 HOURS OR 1/2 UNIT \*SIX ADDITIONAL HOURS TO BE ARRANGED. +51A AUDITIONAL HIUNS TO BE ARRANGED.

43274 LECT-DISC M \*9 TO TH 113 G H BOSTG

43282 LECT-DISC S \*11 TO TH 113 G H ZIFF

43291 LECT-DISC N \*2 TO TH 113 G H GERSI BOSTON GERSHEN JOURN 326 MAGAZINE ARTICLE WRITING. PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE COLLEGE. 3 HOURS OR 1/2 UNIT \*SECTION EL IS FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION E2.
43304 LECT-DISC \*E1 11 M W F 18 G H
43312 LECT-DISC \*E2 11 M W F 18 G H 7 SPECIAL TOPICS IN TWENTIFTH CENTURY JOURNALISM.
PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF
COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
2 HOURS OR 1/2 UNIT JOHRN 327 LECT-DISC TU TH 113 G H 43321 1 KNIGHTS JOURN 330 MAGAZINE EDITING.
PREREQUISITE: CREDIT OR REGISTRATION IN JOURN. 326.
3 HOURS OR 1/2 UNIT 2 M W F 123 G H 43339 LECT-DISC SCHACHT COURSES FOR GRADUATES JOURN 468 THE POLITICAL ECONOMY OF COMMUNICATIONS. SAME AS COMM. 468.

PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 43347 123 G H LECT-DISC 1-3 TH GUBACK JOURN 470 COMMUNICATIONS AND POPULAR CULTURE. SAME AS COMM. 470. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. 1 UNIT 3-5 43355 LECT-DISC TH 123 G H KREILING HISTORY AND THEORY OF FREEDOM OF THE PRESS. SAME AS COMM. 473. PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS. JOURN 473 1 UNIT 10-12 TH 123 G H JENSEN 43363 JOHEN 490 SPECIAL TOPICS IN JOURNALISM. PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 1/2 OR 1 UNIT \*SECTION A TOPIC: READINGS IN POPULAR CULTURE. \*SECTION B TOPIC: HISTORY OF COMMUNICATIONS. (RESEARCH). \*SECTION C TOPIC: QUANTITATIVE METHODS IN COMMUNICATIONS. CONF \*B 730-930PM TH 123 G H
CONF \*B 730-930PM TU 123 G H
CONF \*C ARR 43371 JENSEN & STAFF 43380 CAREY 43398 CONF 43401 CONF KNIGHTS WIGGINS JOURN 499 THESIS RESEARCH. PREREQUISITE: GRADUATE STANDING IN JOURNALISM. 1 TO 2 UNITS 43410 JENSEN & STAFF CONE ARR

JOURN 321 NEWS EDITING.

#### KORFAN

DEPARTMENT OFFICE

201. 1208 W. CALIFORNIA

#### COURSES FOR ADVANCED UNDERGRADUATES

ELEMENTARY KOREAN, II. KOREA 202 PREREQUISITE: KOREAN 201. 5 HOURS

UPEN TO FRESHMEN. 43428

LECT-DISC

KIM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

KOREA 304 4 INTERMEDIATE KOREAN, II. PREREQUISITE: KOREAN 303 OR EQUIVALENT.

5 HOURS OR 1 UNIT LECT-DISC 43436

KIM

LAPOR AND INDUSTRIAL RELATIONS

DEPARTMENT OFFICE

504 E ARMORY, C.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

L 1 R 315 THE ECONOMICS OF POVERTY AND INCOME MAINTENANCE.

PREREQUISITE: ECON. 103 OR 108.
3 HOURS, OR 1/2 OR 1 UNIT
444 LECT-DISC G 1

43444 1 MWF 20 COM W

L I R 321 INDUSTRIAL SOCIAL SYSTEMS, I.

SAME AS B. ADM. 321.
PREREQUISITE: I. ADM. 210: PSYCH. 100: PSYCH. 201 OR

CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 TO 1 UNIT 43452 0 M W E 241 COM W

L I R 341 THE ECONOMICS OF LABOR MARKETS.

SAME AS ECON. 341.
PREREQUISITE: ECON. 103 DR 108.

3 HOURS, OR 1/2 OR 1 UNIT 43461 10-1130 TU TH 11 COM W

L I R 345 ECONOMICS OF MANPOWER.

SAME AS ECON. 345.
PREREQUISITE: ECON. 103 OR 108.

\*GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH L. I. R. 345 AND

\*GRADUATE CRED...
ECON/L. I. R. 444.

\*3 HOURS, OR 1/2 OR 1 UNIT

\*3 HOURS, CET-DISC C 10 43479 M W E

7 LABOR LAW I. SAME AS LAW 347. 3 HOURS OR 1 UNIT

43487 LECT-DISC A THES AUD 9 LAM

L I R 355 INDUSTRIAL SOCIAL PSYCHOLOGY.

SAME AS PSYCH. 355.

PREREQUISITE: PSYCH. 201 OR 357.
3 HOURS, OR 1/2 OR 1 UNIT
\*SECTION A! IS FOR LABOR AND INDUSTRIAL RELATIONS MAJORS ONLY.

OTHER STUDENTS MUST ENROLL IN SECTION A2. PSYCHOLOGY MAJORS SEE

PSYCHOLOGY 355

43495 LECT 43509 LECT \*A1 10 10 M W F 29 PSYCH BLDG M W F 29 PSYCH BLDG

L I R 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT. PSYCHOLOGY OF INDUSTRIAL CUNFILL.

SAME AS PSYCH. 357.

PREREQUISITE: PSYCH. 100 OR EQUIVALENT.

3 HOURS, OR 1/2 OR 1 UNIT

\*SECTION 41 IS FOR LABOR AND INDUSTRIAL RELATIONS MAJORS ONLY.

OTHER STUDENTS MUST ENROLL IN SECTION A2. PSYCHOLOGY MAJORS SEE \*SECTION
OTHER STUDENTS
OTHER STUDENTS
OTHER STUDENTS
OTHER STUDENTS

LECT \*A1
\*A2 11 11 43517 LECT 43525 LECT M W F 207 PSYCH BLDG 43525 COURSES FOR GRADUATES L I R 418 SEMINAR IN INDUSTRIAL AND ECONOMIC SOCIOLOGY. SAME AS SOC. 418.
PREREQUISITE: L. I. R. 318 OR CONSENT OF INSTRUCTOR. 1 UNIT 43533 LECT-DISC 10-12 43 L I R KARSH L I R 420 FORMATION OF PUBLIC POLICY.
SAME AS POL. S. 420. I UNIT LECT-DISC 1-3 F 398 I H L I R 441 LABOR ECONOMICS. SAME AS ECON. 441.
PREREQUISITE: ECON. 300 AND 301. 1 UNIT 1-3 TH 24 COM W 43550 LECT-DISC R L I R 442 COLLECTIVE BARGAINING. SAME AS ECON. 442.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 1-3 TU 43 L I R 43568 LECT-DISC L I R 443 PROBLEMS AND PRACTICES OF LABOR DISPUTE SETTLEMENT. SAME AS ECON. 443. PREREQUISITE: CONSENT OF INSTRUCTOR. LUNIT 3-5 TU 43 L I R 43576 LECT-DISC MCPHERSON L I R 445 INVESTMENT IN HUMAN RESOURCES.

SAME AS VOTEC. 445.

PREREQUISITE: INTRODUCTORY COURSE IN ECONOMICS AND IN QUANTITATIVE METHODS. 1 UNIT 1-3 W 43 L I R 43584 L ECT-DISC FOLK L 1 R 446 FOREIGN AND INTERNATIONAL LABOR MOVEMENTS. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 43592 L ECT-DISC 3-5 TH 43 LIR STURMTHAI MANAGEMENT AND INDUSTRIAL RELATIONS. L I R 450 PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 43606 LECT-DISC 43 L I R 10-12 WAGNER L I R 490 INDIVIDU O TO 2 UNITS INDIVIDUAL TOPICS. 43614 CONF A 43622 CONF 8 43631 CONF C ARR STAFF В ARR STAFF ARR STAFF

229

10-12

F

43 L I R

FRANKE

L I R 491 RESEARCH WORKSHOP.

PREREQUISITE: L. I. R. 492.
1 UNIT
43649 LECT-DISC

493 QUANTITATIVE METHODS IN LABOR AND INDUSTRIAL RELATIONS.

PREREQUISITE: ANY ELEMENTARY STATISTICS COURSE, SUCH AS ECON. 170. 1 UNIT 43557 LECT-DISC A 1-3 TH 43 L I R 43665 LECT-DISC B 3-5 M 43 L I R CRAEN SCOVILLE L I R 495 APPLICATION OF THEORY TO CONTEMPURARY PROBLEMS IN LABOR AND INDUSTRIAL RELATIONS. PREREQUISITE: L. I. R. 493, 494, GR CONSENT OF INSTRUCTOR. 1 UNIT 10-12 TH 43 LTR ROTHRAUM 43673 L I R 497 COLLECTIVE BARGAINING IN PUBLIC EMPLOYMENT. SAME AS ED. AD. 497, SOC. w. 497, AND POL. S. 469.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC A 3-5 W 43681 43 L I R DERBER L T R 499 THESIS R THESIS RESEARCH. 43690 CONF APP STAFE LANDSCAPE ARCHITECTURE DEPARTMENT OFFICE 205 M H COURSES FOR UNDERGRADUATES L A 102 SITE PLANNING. 2 HOURS 43703 LECT 3 TU TH 153 A S L HAZLETT 122 LANDSCAPE SURVEYS
3 HOURS
43711 LECT
43720 LAB E
E
43738 LAB G 1 Δ 11 TU TH N107 T H 1-3 TU TH 214 M H 7-10PM TU 214 M H 3-5 TU TH 214 M H 7-10PM TH 214 M H HAZLETT HAZLETT HAZI ETT HAZLETT 34 SITE DESIGN. PREREQUISITE: L. A. 133 OR CONSENT OF INSTRUCTOR. I A 134 4 HOURS 4 HUU... 43746 LEU LAB 1 M W F 8-10 M W F 7-10PM M 10-12 M W F 7-10PM W 214 M H HOL ADAY A C HOL ADAY HOLADAY LAB 43762 Ċ. .52 PLANT MATERIALS, II.
PREREQUISITE: BIOL. 100 OR CONSENT OF INSTRUCTOR. Ł A 3 HOURS 3771 LECT 3 M W F 153 A S L 3 HOU LEU 1 KEITH KEITH 182 VISUAL COMMUNICATIONS, II. PREREQUISITE: L. A. 181. 2 HOURS LAB-DISC

3-5

M W F

214 M H

STAFF

43789

L	Д	199 UNE	DERGRADUATE CPEN S	SEMINAR.			
		*MAY BE *0 TO 9	DERGRADUATE CPEN S				
		43797	CONF	ARR			STAFF
			COURSES F	FOR ADVANCE	CUNDERGRADU	ATES	
L	Δ	236 URB PRESEQUI	BAN LAND DESIGN.	OR CONSENT (	ne instructo	R a	
		4 HOURS 43801	LAB-DISC	8-12			STAFF
		43801	CAB-013C	5-12	m w r	2005 M H	STAFF
1	Δ	244 LAN	NDSCAPE CONSTRUCT	ION.			
			ISITE: L. A. 102 0		F INSTRUCTO	R.	
		43819	LECT	8			ZOLOMIJ
			LAB	9-12	TU TH	200S M H	ZOLOMIJ
	Α	2// 80.0	FESSIONAL PRACTIC				
L	А	PREKEQUI	SITE: SENIOR STAN		DSCAPE ARCH	ITECTURE OR CONSENT	
		OF INSTR 3 HOURS					
		43827		10	4 W F	153 A S L	RUTLEDGE
L	Δ	254 PLA PREREQUI	ANTING DESIGN, II.	DR 152.			
		3 HOURS 43835	LFCT	1	TU TH	153 A S L	WALKER
		43637	LAB	2-5	TU TH	200N M H	WALKER
			COURSES FOR A	NOVANCED UND	DERGRADUATES	AND GRADUATES	
	Α	220 THE	SIS DESIGN PROJEC	т.			
L	д	PREREQUI	SITE: L. A. 337 ( OR 1 TO 2 UNITS	R CONSENT O	F INSTRUCTO	R.	
		5 HOURS, 43843	LAB-DISC	1-5	M W F	2CON M H	STAFF
			C	OURSES FOR	GRADUATES		
L	Α	435 URB PREREQUI	SITE: PASSAGE OF	SPECIAL DES	SIGN EXAMINA	TION AND CREDIT	
		OR REGIS	STRATION IN U. P.	384.			
			LAB	1-5	MIUWIHE	110 MUM HOUSE	
F	Α	436 ADV PREREQUI	ANCED LANDSCAPE OF	SPECIAL DES	IGN EXAMINA	TION, OR CONSENT OF	
		INSTRUCT	OR.				
		1 TO 2 U 43860	LAB	1 -5	M W F	110 MUM HOUSE	
L	Δ	457 LAN	IDSCAPE MANAGEMENT SITE: CONSENT OF	INSTRUCTOR.			
		1 UNIT					
		43878	LECT LAB	10-12 ARR	TU	210 M H	
L	Д		DSCAPE ARCHITECTU				
		1 UNIT	SITE: GRADUATE ST	ANDING IN L			
		43886	L ECT L A B	10-12 ARR	TH	210 M H	
L	Δ	487 SEM	INAR.				
		PREREQUI 1/2 UNIT	SITE: CONSENT OF	INSTRUCTOR.			
		43894		8-10	TU	210 M H	

L A 490 SPECIAL PROBLEMS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 TO 1 UNIT

43908 LAB ARR

L A 499 THESIS RESEARCH.

0 TO 1 1/2 UNITS
43916 CONF

2 HOURS

\*0 TO 9 HOURS 44059 CONF

LAT

LECT-DISC A

199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED.

ACD

LATIN

DEPARTMENT OFFICE

361 L H

MAJOR: TWENTY HOURS, EXCLUDING LATIN 101, 102, AND 103, AND INCLUDING SIX HOURS IN TRANSLATION COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECUMMENDED AS AN ELECTIVE. SEE ALSO THE SPECIALIZED CURPICULUM PREPARATORY TO THE TEACHING OF LATIN.

MINIRS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FUREIGN LANGUAGE (GREEK BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

### COURSES FOR UNDERGRADUATES

101 ELEMENTARY LATIN, I.

\*NO CREDIT TOWARD GRADUATION IS GIVEN FOR LAT. 101 WITHOUT T A 1 LAT. 102. \*4 HOURS 43924 MTUWTH LECT-DISC A 1 LECT-DISC B 1 362 L H 240 ADMIN 43932 MTUWTH O2 ELEMENTARY LATIN, II. PREREQUISITE: LAT. 101 OR ONE YEAR OF HIGH SCHOOL LATIN. 102 I A T 4 HOURS \*SECTION E IS LIMITED TO STUDENTS HAVING TAKEN 1010 IN THE FALL. 43941 LECT-DISC A 10 LFCT-DISC B 10 MTUWTH 362 L H SCANLAN 43959 HTWUTH 62 K M SCANLAN 43967 LECT-DISC C MTUWTH 362 L H SCANLAN 12 43 375 12 MTUWTH 314 SCANLAN LECT-DISC \*F 151 ARMORY 43983 10 MIUWIH PARKER LAT INTERMEDIATE LATIN. PREREQUISITE: LAT. 102 OR TWO YEARS OF HIGH SCHOOL LATIN. 4 HOURS LECT-DISC A 12 MTUWTH LECT-DISC C 1 MTUWTH 24C ADMIN 430 ARMORY 43991 44008 4 INTRODUCTION TO VERGIL.
PREREQUISITE: LAT. 103 OR THREE YEARS OF HIGH SCHOOL LATIN. 4 HIURS \*SECTION E IS LIMITED TO STUDENTS HAVING TAKEN 103 D OR E IN THE FALL. LECT-DISC A
LECT-DISC B
LECT-DISC \*E 44016 1.1 MILLWITH 374 1 H 44024 12 MTUWTH 209 DKH 12 44032 MTUWTH 219 PARKER LAT 4 LATIN COMPOSITION, II.

REQUIRED OF THOSE RECEIVING THE RECOMMENDATION OF THE DEPARTMENT AS TEACHERS. PREREQUISITE: LAT. 113.

TU TH 394 L H

SCANLAN

9

ARR

# COURSES FOR ADVANCED UNDERGRADUATES

		COC	IKSES FU	K AUVANLEI	JUN	DERU	KADU	AIES		
				4 7 10 5						
LAT	PREREQUI 3 HOURS	SITE: LAT.			5 O F	ніс	SH SC	HOOL	LATIN.	
	44067 44075	LECT-DISC	A B	10	M	W	F	430	ARMORY L H	TAYLOR
	,,,,,	200, 0150		• •						
LAT	204 LIT PREREQUI	ERATURE OF SITE: LAT.	THE EMP	IRE.						
	3 HOURS	LECT-DISC		10	М	W	F	209	DKH	SRIGHT
LAT	291 SFN	IOR SURVEY.								
	PREREQUI 2 HOURS	SITE: LAT.	204.							
	44091	CONF		AFR						
		COURSES	FOR AD	VANCED UNE	DE P G	RADL	DATES	AND	GRADUATES	
LAT	306 AN PREREQUI	ADVANCED CO SITE: LAT. OR 1/2 UNIT	201 AND	202.						
		LECT-DISC	Δ	9	М	W	F	433	ARMORY	NE WMAN
LAT	307 THE	STRUCTURE SITE: LAT.								
	3 HOURS	OR 3/4 UNIT	A	2	M	ы	E	362	L H	BATEMAN
	44113	CCC1-DI3C	-	2	.,	"	•	102	C 11	DATEMAN
LAT	PREREQUI	ANCED COMPO SITE: LAT. OR 3/4 UNIT	311 OR	FQUIVALENT						
	44121	OR 3/4 UNIT LECT-DISC	Α	10	М	W	٤	433	ARMORY	NE WMAN
LAT	361 MED PREREQUI	SITE: TWO Y	EARS OF	COLLEGE L	ATI	N OF	R CON	SENT	OF INSTRUCTOR.	
	3 HOURS. 44130	OR 3/4 OR LECT-DISC	1 UNIT	9	М	W	F	209		WALLACH
LAT	391 REA	DINGS IN LA	TIN LIT	ERATURE.						
	OF INSTR	UCTOR.			LA	FIN	CR E	QUIVA	LENT, CONSENT	
	*3 HOURS TOPIC: L	S MAY ACCUM OR 3/4 UNI IVY.	T							
	44148	LECT-DISC	Α	1	М	W	F	209	DKH	WALLACH
			co	URSES FOR	GRA	CUA1	res			
LAT	412 LAT	IN ELEGY.								
	1 UNIT 44156	LECT-DISC	Δ	3-5	М	W		409	LIB	OLIVER
LAT	421 HOR 1 UNIT 44164	ALE.	Α.	2 - 6	T	1 1	,	4.00	1.19	MARCOVICH
	74104	FEC 1-012C	H	3-9	- 10	J 11	,	409	C 10	MARCOVICH
LAT	427 ROM 1 UNIT	AN SATIRE.								
	44172	LECT-DISC	Δ	11	Ч	W	F	409	LIB	HELLER
LAT	491 DIR	ECTED READI	NG.							
	*NO STUD COURSE T	SITE: SECON ENT MAY OFF OWARD THE D	ER MORE	THAN 1 UN	ITANI NIT I	DING OF C	REDI	T IN	THIS	
	*1/4 TO 44181	CONF		ARR						STAFF

BIBLIOGRAPHY AND CRITICISM, II. LAT

SAME AS GRK. 496.

1/2 UNIT 44199 LECT-DISC A

2

TU TH 409 LIB OL EVER

LAT 499 0 TO 4 UNITS THESIS RESEARCH.

CONF 44202

ARR

STAFE

#### LATIN AMERICAN STUDIES PROGRAM

DEPARTMENT DEFICE

253 1208 W. CALLEDRNIA

### STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

STUDENTS WHO ELECT LATIN AMERICAN STUDIES AS A MINOR SHALL BE REQUIRED TO:

- 1. COMPLETE SIX SEMESTERS OR EQUIVALENT OF COLLEGE SPANISH OR PORTUGUESE. IF A STUDENT WISHES TO TAKE BOTH SPANISH AND PORTUGUESE HE MAY TAKE TWO YEARS OF EACH TO SATISFY THIS REQUIREMENT. IN THE CASE OF WELL-QUALIFIED STUDENTS THE LANGUAGE REQUIREMENT MAY BE MODIFIED.
- COMPLETE AT LEAST TWENTY SEMFSTER HOURS FROM THE COURSES LISTED BELOW, INCLUDING LATIN AMERICAN STUDIES 201, CHOSEN FROM AMONG FOUR DEPARTMENTS, COURSE USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE LATIN AMERICAN STUDIES PROGRAM MAJOR DE INCLUDED WITHIN THIS TWENTY HOURS.

ANTH	261,	332,	333,	349	MUSIC	336
	350,	352,	361,	380	POL 5	342, 343
ART	318				PORT	301, 303, 304
ECON	352				LA ST	195, 201
GE OG	331,	332			SOC	373
HIST	275,	276,	377,	378	SPAN	222, 231, 242, 307
	379					308. 310. 332

#### GRADUATE MINOR IN LATIN AMERICAN STUDIES

CANDIDATES FOR THE MASTERS DEGREE MUST ELECT A MINIMUM OF TWO UNITS CANDIDATES FOR THE MASIERS DEGREE MUST ELECT A MINIMUM OF IMU UNITS FOR A MINNEY IN THIS PROGRAM. DOCTORAL CANDIDATES WHO ELECT LATIN AMERICAN STUDIES AS A SOLE MINDR MUST EARN A MINIMUM OF FOUR UNITS OF CREDIT MUST BE EARNED. THE COURSES FOR ALL GRADUATE MINDRS IN LATIN AMERICAN STUDIES MUST BE TAKEN IN AT LEAST TWO DEPARTMENTS. COURSES IN THE FOLLOWING LIST MAY BE INCLUDED IN THE GRADUATE MINDR:

AG EC	401					MUSIC	336				
AGRON	429					POL S	342,	343.	441.	442,	493
ANTH	332,	333,	349,	350,	352,	POR T	301,	303,	304,	405,	406
	361,	3 80 ,	490				491				
ART	318,	491				SCC	373.	490			
BOT	300					SPAN	307,	308,	310,	431,	432,
ECON	352,	451,	490				433,	434,	435,	436,	437,
GEDG	331,	332,	495				438,	439,	452,	491	
HIST	275.	276 .	377.	378,	461						

STUDENTS IN OTHER COLLEGES

STUDENTS IN TECHNICAL AND PROFESSIONAL COLLEGES AND SCHOOLS OF THE STUDENTS IN TECHNICAL AND PROFESSIONAL COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO SEEK KNUWLEDGE OF LATIN AMERICAN AFFAIRS, CULTURE, AND LANGUAGES ARE INVITED TO CONSULT WITH MEMBERS OF THE TEACHING STAFF OF THE LATIN AMERICAN STUDIES PROGRAM, EITHER DIRECTLY OR THROUGH THEIP ADVISERS, IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH A PROGRAM MAY OFTEN BE ADOPTED AS A SPECIAL MINOR UNDER EXISTING REGULATIONS IF THE STUDENT SO DESIRES. IT IS RECOGNIZED THAT THE NUMBER OF ELECTIVE HOURS AVAILABLE FOR SUCH SPECIAL AREA STUDIES VARIES AMONG MANY OF THE EIGHT- AND TEN-SEMESTER PROGRAMS IN THE UNIVERSITY, BUT MOST STUDENTS WISHING TO INCREASE THEIR PROFICIENCY IN LATIN AMERICAN AFFAIRS CAN DO SO WITHOUT EXCESSIVE CROWDING OF SCHEDULES. THESE COURSES ARE OF WITHOUT EXCESSIVE CROWDING OF SCHEDULES. THESE COURSES ARE OF PARTICULAR VALUE TO STUDENTS WHO INTEND TO CARRY ON TECHNICAL OR PROFESSIONAL WORK IN THE LATIN AMERICAN AREA FOR THE GOVERNMENT, PRIVATE BUSINESS, PUBLICATIONS, OR RELIGIOUS ORGANIZATIONS.

### COURSES FOR ADVANCED UNDERGRADUATES

CONFLICT IN LATIN AMERICA.

PREREQUISITE: A BASIC COURSE IN A SOCIAL SCIENCE DISCIPLINE. LA ST 201 3 HOURS

TOPIC IS RACE RELATIONS IN LATIN AMERICA. 243 ARMORY 44211

M SOLAUN

LAW

DEPARTMENT OFFICE

209 LAW

A LAW

## COURSES FOR FIRST-YEAR LAW STUDENTS

NOTE: STUDENTS ASSIGNED TO GROUP I SHOULD TAKE SEC. A OF LAW

302, 304, 308, 334, AND 335.
STUDENTS ASSIGNED TO GROUP IT SHOULD TAKE SEC. B OF LAW 304, 308, 334, AND 335. STUDENTS ASSIGNED TO GROUP III SHOULD TAKE SEC. C OF LAW

302, 304, 308, 334, AND 335.

IAW 302

CONTRACTS B.
\*\*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT
FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.

\*3 HOURS OR 1 UNIT

229 LECT-DISC A

237 LECT-DISC B

245 LECT-DISC C 8 44229 THES 44237 9

THES A I AW 44245 10 MTUW D IAM

TORTS B. LAW

\*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.

\*3 HOURS OR 1 UNIT •253 LECT-DISC A •261 LECT-DISC B •270 LECT-DISC C 44253 10 THES 44261 11 THES B I AW 8 MTUW D LAW 44270

LAW PROPERTY B.

\*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT

\*GRADUATE CREDIT FOR THIS COURSE UNLY WITH PERMISSION OF FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE. \*3 HOURS OR 1 UNIT 44288 LECT-DISC A 9 MTUW A LAW 44296 LECT-DISC B 10 THES B LAW 44300 LECT-DISC C 3 MTUW D LAW MTUW THES MTUW

LAW	316 400	T COURT.				
	1 HOUR 44318	LECT-DISC	Α	1	τυ	A LAW
	44326	LECT-DISC	В	1	W	A LAW A LAW A LAW A LAW A LAW A LAW
	44334 44342	LECT-DISC	D	1	W TH	A LAW
	44351	LECT-DISC	E	2	TH	A LAW
	44369 44377	LECT-DISC	G	2	TH F F	A LAW
		LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC				
					ANCED LAW STU	DENTS
LAW	318 APP	ELLATE ADVO	CACY	В.		
	1 HOUR 44385	CONF	Α	APR		
LAW	322 COM	MERCIAL LAW	. 1.			
	322 COM 4 HOURS 44393 44407	OR 1 UNIT		2	M II	0.144
	44407	LFCT-DISC	В	2	M W MTUWTH	AUD LAW
LAW	323 ADM 3 HOURS 44415 44423	INISTRATIVE	LAW.			
	3 HOURS	OR 1 UNIT	Λ	Q	THES	DIAM
	44423	LECT-DISC	В	10	THES THES	D LAW
LAW	324 COR	PORATIONS.				
	3 HOURS 44431	LECT-DISC	Д	9	MTUW	D LAW
	44440	LECT-DISC	В	11	M W	D LAW
			В	1	MTUW M W TU	D LAW
1.617	330 000	TITUTION				
LAW	3 HOURS	OR 1 UNIT			THES	
	44458	LECT-DISC	А	8	THES	AUD LAW
LAW	334 CRI 2 HOURS	MINAL LAW A	DMINI	STRATION A	AND PROCEDURE	•
	THIS COU	RSE IS FOR	FIRST	YEAR LAW	STUDENTS.	
	44474	LECT-DISC	B	11	M W	A LAW B LAW
	44482	LECT-DISC	С	3	STUDENTS.  MTU  M W  THE	D LAW
LAW	335 TRI	OO 1 HAST T				
	THIS COU	RSE IS FOR	FIRST	YEAR LAW	STUDENTS.	
	44491	LECT-DISC	A B	2	MTUW	A LAW
	44512	LECT-DISC	C	11	STUDENTS. MTUW MTUW THES	D LAW
LAW	338 INS 2 HOURS 44521	UR ANCE .				
	44521	LECT-DISC	Α	3	THE	AUD LAW
LAW	339 CON	FLICT OF LA	ws.		THES	
	3 HUURS	OR 1 UNIT		1.0	THEC	AUD LAW
	44239	Leci-Disc	А	10	111173	AUD LAW
LAW						
LAN	342 MOR 3 HOURS 44547	OR 1 UNIT				
	44547	LECT-DISC	Α	9	MIUW	AUD LAW
1.4	2//	DITOOS DA	T.C.			
LAW	344 CRE 3 HOURS 44555	DITUKS RIGH OR 1 UNIT	15.			
	44555	LECT-DISC	A	4	MTUW	D LAW
LAW	346 FUT 3 HOURS 44563	URE INTERES	TS.			
	44563	LECT-DISC	A	1	WTHE	D LAW

LAW	347 LA SA 3 HOURS	BOR LAW, I.				
	SΔ	ME AS L.T.R.	347.			
	3 HOURS	LECT-DISC	Δ	Q	THES	AUD LAW
	44711	2201 0130		,	7711 3	400
LAW	348 IN	TERNATIONAL	LAW.			
	44580	LECT-DISC	Α	11	THES	C LAW
	348 IN 3 HOURS 44580					
1.40	240 57	ATE AND LOCA	I TAVA	TION		
CAM	349 ST 2 HOURS 44598	OR 1/2 UNII	I IAAA	11014.		
	44598	LECT-DISC	Α	1-3	F	E LAW
LAW	352 TA	XATION OF GR	ATUITO	IS TRANSF	FRS.	
	2 HOURS	DR 1/2 UNIT LECT-DISC LECT-DISC		00		
	44601	LECT-DISC	A	8	THF THF	D LAW
	44610	FECT-DISC	В	4	181	O LAW
LAW	353 CO 2 HOURS 44628 44636	RPORATION FI	NANCE	AND SECUR	ITIES.	
	2 HOURS	UR 1/2 UNIT	Α.	1 - 3	TH	E I A W
	44636	LECT-DISC	В	2-4	τυ	E LAW E LAW
1.61	366 70	ADE DECLU AT	OA:			
LAW	355 TR 3 HOURS	OR 1 UNIT	UNA			
	44644	LECT-DISC	А	10	MIUW	8 LAW
LAW	360 15	CAL DRAFTING	AND I	AW DEETCE	PRACTICE.	
LAN	2 HOURS	ONL DIMITINO	AND L	aw Divice	PRACTICE. M W	
	44652	LECT-DISC	Α	8	M W	219 LAW
LAw	362 PR/	ACTICE COURT				
	*CREDIT	CONT INGENT	UPON C	OMPLETION	OF SECOND S	EMESTER WORK.
	*1 HOUR	ATTON OF A F	INCT	EMECTED C	OUREE	
	44661	LECT-DISC	TK21 2	3-5	M	COURTROOM ŁAW COURTROOM LAW
	44679	LECT-DISC	В	2-4	F	COURTROOM LAW
LAW	365 TA:	X PROBLEMS.				
	2 HOURS	OR 1/2 UNIT				
	44687	LECT-DISC	Δ	11	THE	E LAW
LAW	371 SE	MINAR IN SEL	ECTED (	LEGAL PRO	BLEMS.	
	2 HOURS	OR 1/2 UNIT		, ,	TII	210 + 417
	44709	LECT-DISC	B	4-6	W	219 LAW
	44717	LECT-DISC	С	4-6	TH	219 LAW
	44725	LECT-DISC	D	4-6	TH	219 LAW 219 LAW 219 LAW COURTROOM LAW 219 LAW
	44 /33	FFC 1-012C	t	4-6	F	219 LAW
LAw	382 COF 3 HOURS 44741	MPARATIVE LA	W.			
	44741	I FCT-DISC	Δ	11	M la	A LAW
		2.00		* *		
	701	GAL PROBLEMS				
LAW	391 LE	GAL PROBLEMS				
	44750	CONF	Α	ARR		
LAW	392	SAL PROBLEMS				
CAM	1 HOUR	GAL PROBLEMS				
	44768	CONF	Δ	ARR		
LAW	393 LE	GAL PROBLEMS				
	1 HOUR					
	44776	CONF	A	ARR		
LAW	394 LE	GAL PROBLEMS				
	1 HOUR	CONF		AOD		
	44784	CUNF	А	AKK		

399 RESEARCH ON SPECIAL TOPICS. 1 TJ 4 HOURS, OR 1/2 TO 1 UNIT 1 Ale 44792 CONE Δ ARR B 44806 CONF ARR

## COURSES FOR GRADUATES

LAW THESIS RESEARCH. 1/2 TO 3 UNITS

44814 CONF

LIBERAL ARTS

DEPARTMENT OFFICE

294 L H

ROSEN AND STAFF

### COURSES FOR UNDERGRADUATES

PHYSICAL SCIENCE, I. L A S 141

4 HOURS

STUDENTS MUST REGISTER IN THE LECTURE PLUS ONE DISCUSSION SECTION. INDEPENDENT STUDY IN THE LABORATORY (2 OR MORE HOURS PER WEEK) IS UNSCHEDULED.

44822	LECT		10	M W	151	P	8
44831	DISC	1	8	TH	9	C	A
44849	DISC	2	10	TH	9	C	A
44857	DISC	3	3	TH	8	C	A
44 86 5	DISC	4	1	TU	8	C	A
44873	DISC	5	9	TU	8	C	A
44881	DISC	6	10	TU	8	C	A

PHYSICAL SCIENCE, II.
PREREQUISITE: L. A. S. 141. A S 142

4 HOURS

ALL STUDENTS MUST REGISTER IN ONE LECTURE AND LAB-DISC. SECTION PLUS ONE DISCUSSION SECTION. SUPERVISED INDEPENDENT STUDY IN THE LABORATORY IS UNSCHEDULED.

44890 LECT Δ M M B LAB-DISC Δ 8 c 100 44903 LECT В 12 100 M M B LAB-DISC В 100 12 44911 LECT С В 3 W LAB-DISC Ċ 100 44920 DISC 11 ТН 8 c Α 44938 DISC G 3 TH A 44946 DISC 3 4 TH E A 44954 DISC 4 Q TH 9 Δ 44962 DISC 5 11 TН q А 44971 DISC 6 TH 9 A 44989 DISC 7 9 44997 DISC В 9 ΤU 45003 DISC 9 45011 DISC 10 10 9 Δ 45 12 0 DISC TH R Δ 11 - 1 45038 DISC 12 TIL 9 C Δ TH 45046 DISC 13 Q 8 Д 45054 D1 SC 14 TH А Δ 45062 DISC 15 TU 9 Α 45071 DISC 16 TU q 45089 DISC 17 9 2 45097 18 TU 9 Α 45101 DISC 19 11 TU 8 A 45119 DISC 20 10 TH 8 A 45127 DISC 21 TH 9 Α 45135 DISC TH 8 Α TU 45143 DISC 23 Α 45151 DISC 24 8 ΤU 9 Α 45160 DISC 25 8 TH 8 Α 45178 DISC 26 ТН 8 C A 45186 DISC 27 10 TH 143 ADMIN

FRESHMAN SEMINAR IN PHYSICAL SCIENCE. L A S 198

PREREQUISITE: L. A. S. 197.

4 HOURS 45194 CONF

.3 94 COM W M W F

ARR LAB £.

UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. I A S 199

\*0 TO 9 HOURS

TOPIC: AFRO-AMERICAN CULTURE LECTURE SERIES-- "THE BLACK WORLD:

PRESPECTIVES". 1 HOUR

86420

LIBERAL ARTS (STUDY ABROAD)

COURSES FOR ADVANCED UNDERGRADUATES

L A S 299 LAS STUDY ABROAD.

PREREQUISITE: PERMISSION OF THE STUDENT'S MAJOR DEPARTMENT

AND THE COLLEGE OFFICE.

\*FINAL DETERMINATION OF APPROPRIATE CREDIT WILL BE MADE UPON THE STUDENT'S COMPLETION OF THE WORK. THE COURSE MAY BE REPEATED TO A MAXIMUM OF 30 SEMESTER HOURS PER ACADEMIC YEAR OR TO A TOTAL OF 36

SEMESTER HOURS, ALL OF WHICH MUST BE EARNED WITHIN ONE CALENDAR YEAR.

O TO 15 HOURS

45208 CONF

ARR

LIBRARY SCIENCE

7-830 PM TU TH

DEPARTMENT OFFICE

331 LIB

COURSES FOR UNDERGRADUATES

LIB S 195

INTRODUCTION TO LIBRARY USE.
INTENDED FOR FRESHMEN AND SOPHUMORES; NOT TO BE COUNTED TOWARD
THE UNDERGRADUATE MINOR IN LIBRARY SCIENCE. NOT FOR STUDENTS IN

THE GRADUATE SCHOOL OF LIBRARY SCIENCE.

3 HOURS 45216

LECT-DISC A

LORENZ

ROSEN

LIB S 199 UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED. \*0 TO 9 HOURS

CONF

TH 66 LIB

314 LIB

COURSES FOR ADVANCED UNDERGRADUATES

INTRODUCTION TO REFERENCE SERVICE.

PREREQUISITE: 60 HOURS OF ACADEMIC WORK.

3 HOURS

LECT-DISC 45232

10-1130 M W

314 LIB

THOMASSEN

KRUMMEL

LIR S 204 DEVELOPMENT AND OPERATION OF LIBRARIES.

PREREQUISITE: 60 HOURS OF ACADEMIC WORK.

3 HOURS

\*STUDENTS WILL BE REQUIRED TO MEET ALL AFTERNOON ON APPROXIMATELY

FOUR TUESDAYS DURING THE SEMESTER.

LECT 45241 314 LI8 309 LIB 309 LIB 8 1-3 TU 3-5 TU 45259 LAB Α

MACHULA MACHULA 45267 LAB В

LI3 S	266 000	O MOLTANIA	E LINDADA	/ MATECIAL					
LI 1 3	PREREQUI	SITE: JUNIO				OF ACAD	EMIC	WORK).	
	3 H JURS 45275	LECT-DISC		8-930	TI	JIH	314	LIB	MULLENDORE
LIB S	258 SEL	FCTION OF L	I PRARY MA	TERIALS.					
	PREREQUI 3 HOURS	SITE: 60 HO	URS OF AC	ADEMIC W	ĿRK.	•			
	45283	LECT-DISC		1-230	M	W	128	LIB	CROWE
		COURSES	FOR ADV	ANCED UND	FRG	RADUATES	AND	GRADUATES	
F13 S	PREREQUI	RARY MATERI SITE: JUNIO	ALS FOR ( R STANDIN	HILDREN.					
	3 HOURS,	SITE: JUNIO OR 1/2 OR	I UNIT	T.1051.T5	0.0	64 6646	- N - O	C ****C*******	
	45291	LECT-DISC	A GRAD S	9	M	M E	314	F INSTRUCTOR.	LOHRER
	45321	LECT-DISC	*B	11-1230	M	W	128	L 18	CROWE
	45313	L ECT-DISC	D 6	30-930PM		M	314	LIB LIB LIB	SCHULTZ
LIR S	3CR AUD	ID-VISUAL STIE: JUNIO	ERVICES I	N LIBRAR	IES.				
	A THO-DA	Y FIELD TRI			TIM	ATED EXP	ENSES	\$25.00	
	3 HOURS 45330	OR 1 UNIT LECT-DISC		4-530	м		314	1.78	THOMASSEN
	.,,,,,	2207 3130		. ,,,,		"	714	2.15	111011433611
LIB S	309 STO	RYTELLING.							
	PREREDUT	SITE: LIB. :	S. 303 OF	CONSENT	OF	INSTRUC	TOR.		
	45348	DR 1/2 OR LECT-DISC	1 ON 11		Ti	J	314 314	L 18	LADLEY
				1		F	314	LIB	
1 13 5	310 TYP	DODABHIC DI	CCTDI IN ES	16 THE 1	2.101	,			
C 10 3	SAM	E AS ENGL.	392 AND J	OURN. 310		` •			
	PREREQUI 3 HOURS	SITE: CONSE OR 1/2 UNIT LECT-DISC	NT CF INS	TRUCTOR.					
	45356	LECT-DISC	AF	R					CHAPDU
LIR S	354 AUD	ID-VISUAL CI	CMMUNICAT	ION.					
	PR ER EQUI	SITE: SENIO	R OR GRAD	DUATE STAP	·IGV	IG.			
	45364	OR 1/2 OR LECT-DISC	1 UNIT	4-6	T	J	1	EDUC	ISAACS
	45364 45372 45381	LECT-DISC LAB LAB	A B	4-6 4-6		W TH	25	EDUC EDUC	I SAACS I SAACS
	43301	LAD	В	4-0		In	20	EDUC	ISAACS
			COUR	SES FOR (	GR AT	DUATES			
LIS S	402 STU	DIES IN REA	DING.						
	1 UN!T	LECT-DISC		4-6	Tt	J	3288	1 TR	LOHRER
		220, 3130		7 0		,	5200	210	EGITKER
LIB S	405 LIB	RARY ADMINI	STRATION.						
	PRESENIII	SITE: LIB. 4	204. C	IR CONSENT			CTOR.		
	45402	LECT-DISC		1-3	Τt	J	314	LIB	SCHLIPF
	45411 45429	LECT-DISC DISC DISC	В	3		) W F	309 309	L IB	SCHLIPF SCHLIPF
LI3 S	406 LIB	RARY SERVICE	E TO CHIL	DREN AND	YOU	JNG ADULT	rs.		
	PREREQUI A TWO-DA	RARY SERVICE SITE: LIB.S Y FIELD TRIE	. 204 OR	405. IRED: FS1	ET MA	TED EXP	NSES	\$25.00.	
	1 UNIT	LECT-DISC							1 Ounes
	45437	FECI-DISC		4-6	14		3288	L 18	LOHRER
119 5	407 CAT	ALCIGING AND	CLASSIET	CATION					
61, 3	PREREDUIT	SITE: LIB.	5. 255, 0	R CONSENT	r CF	INSTRUC	CTOR.		
	1 UNIT 45445	LECT-DISC		10-12	TL	,	314	LIB	HENDERSON

24C

LIR S	408 CA1	TALOGING AND CLASSI	FICATION,	11.		
	I UNII	ISITE: LIB. S. 407.	3-5	м	3C9 LIB	HENDERSON
						HENDENSON
FIB S	PREREQU!	FERENCE SERVICE IN ISITE: LIB. S. 201,	OR CONSEN	TIES AND SI	DCIAL SCIENCES. UCTOR.	
	1 UNIT 45461	LECT-DISC	9-11 9	М	128 LIB 128 LIB	LINDERMAN
LIB S	PREREQUI CONSENT	SRARY MECHANIZATION SITE: EITHER (1) L OF INSTRUCTOR.	IB. S. 201	ATION. , 204, 255	AND 258, OR (2)	
	1 UNIT 45470	LECT-DISC	8	M WTH	66 LIB	
LIB S	424 GOV	/ERNMENT PUBLICATION SITE: LIB. S. 411	INS .	CONSENT	TNSTRUCTOR	
	1 UNIT	LECT-DISC			429 LIB	SCHL IPF
LIB S	PREREQUI	RARY BUILDINGS. SITE: LIB. S. 405 Y FIELD TRIP IS RE	OR CONSENT	OF INSTRUC	CTOR.	
	1 UNIT	LECT-DISC	2-4		3288 LIB	ALLEN
					3200 210	1100011
FIB 2	PREREQUI 1 UNIT	ORMATION STORAGE A SITE: CONSENT OF I	ND RETRIEV	AL.		
	45500	LECT-DISC	1-3	W	309 LIB	LANCASTER
LIB S		ANCED REFERENCE.	OR CONSENT	OF INSTRU	Top	
	1 UNIT	LECT-DISC			328B LIB	ALLEN
LIB S	432 BUU SAM 1 UNIT	IKS AND LIBRARIES S IE AS COMM. 432.	SINCE THE R	ENALSSANCE.	•	
	45526	L EC T-DISC	11-1230	M W	3288 LIB	KRUMMEL
LIB S	PREREQUI	ANCED SUBJECT BIBL SITE: CONSENT OF I	NSTRUCTOR.			
	#1/2 UN1	S MAY ACCUMULATE 1				
	45534 45542 45551	LECT-DISC C LECT-DISC G LECT-DISC K	ARR ARR			POWER HESS MILLER
			MPK			HILLER
LIB S	PREREQUI	SRARY SYSTEMS. SITE: LIB. S. 405	OR CONSENT	OF INSTRU	CTOR.	
	1 UNIT 45569	LECT-DISC	8-10	TU	328B LIB	CROWLEY
LIB S	PREREQUI	SITE: LIB. S. 303			AND YOUNG ADULTS. 211, OR CONSENT OF	
	INSTRUCT 1 UNIT					
	45577	LECT-DISC	2-4	м w	314 L [B	LADLEY
TIB S	1 UNIT	ITEMPORARY BOOK PUB				
		LECT-DISC	10-12	TU	128 LIB	ALLEN

COURSES FOR ADVANCED GRADUATES

ACVANCED PROBLEMS IN LIBERARIANSHIP. LIB S 450 PREREQUISITE: A FIFTH-YEAR DEGREE IN LIBRARY SCIENCE, CONSENT OF DIRECTOR . 1/2 TO 2 UNITS LECT-DISC B 1-3 LECT-DISC C 9-11 CONF J APR 45607 3288 LIB LANCASTER 45593 328B LIB APR 45615 STAFF LIR S 460 SPECIAL TOPICS IN LIBRARIANSHIP.

STUDENTS MAY EMROLL IN A MAXIMUM OF TWO SECTIONS, CONCURRENTLY OR
CONSECUTIVELY. OPEN TO DOCTORAL STUDENTS UNLY.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT COME E 45623 KRIIMMEI LIB S 468 TEACHING METHODS AND SPECIAL PROBLEMS IN CONTEMPORARY LIBRARY SCHOOLS.
PREREQUISITE: LIB. S. 462 OR CUNSENT OF INSTRUCTOR. 1 UNIT 45631 LECT-DISC 2-4 TU 3288 LIB LINDERMAN 9 PRINCIPLES OF RESEARCH METHODS.
PREREQUISITE: KNOWLEDGE OF THE PRINCIPLES OF STATISTICS, MASTER OF
SCIENCE IN LIBRARY SCIENCE OR CONSENT OF INSTRUCTOR. LIR S 469 1 UNIT 45640 LECT-DISC ARR KRONUS 499 THESIS RESEARCH. \*MS CANDIDATES: 0 TO 2 UNITS. DOCTORAL CANDIDATES: 0 TO 4 UNITS. \*C TO 4 UNITS 45658 CONF ARR STAFF LINGUISTICS DEPARTMENT OFFICE 309H D H COURSES FOR UNDERGRADUATES LING 198 FRESHMAN SEMINAR. PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR. 3 HOURS 45666 LECT-DISC 4 W F 3120 D H YEGERLEHNER 9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. 1 ING 199 #0 TO 9 HOURS SECTION B TOPIC IS SWAHILI. 45574 LECT-DISC P MIU THE 313 D H KIM COURSES FOR ADVANCED UNDERGRADUATES LING 200 FLEMENTS OF LINGUISTICS. PREPERUISITE: ONE YEAR, OR EQUIVALENT, OF A FOREIGN LANGUAGE. 3 HOURS 45382 LECT-DISC M W F 8 C A J. GEIS COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES INTRODUCTION TO LINGUISTICS. SAME AS ANTH. 300.

PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT. 3 HOURS OR 1/2 UNIT 45691 LECT-DISC A 1 M W F 221 G H MURGAN 45704 LECT-DISC B 2 M W F 4 G H KENSTOWICZ

45704

301 INTRODUCTION TO GENERAL PHENETICS.

3 HOURS OR 1/2 UNIT

CECT-DISC 10 M W F 221 G H CHENG LING 2 COMPARATIVE LINGUISTICS.

PREREQUISITE: FULFILLMENT OF FOREIGN LANGUAGE REQUIREMENT IN THE LING 302 COLLEGE OF LIBERAL ARTS AND SCIENCES OR THE EQUIVALENT.
3 HOUSS OR 1/2 UNIT 45721 LECT-DISC 152 C A KAHANE NON-WESTERN LINGUISTIC STRUCTURES.
MAY BE REPEATED FOR CREDIT UPON CONSENT OF INSTRUCTOR. 11NG 303 3 HOURS OR 1 UNIT \*SECTION 4 CUNCERNS IRANIAN. \*SECTION C CONCERNS SWAHLLI. JPEN TO THOSE WHO HAVE AT LEAST ONE YEAR JF SWAHLLI. \*SECTION 3 CONCERNS JAPANESE. \*SECTION J CONCERNS HITTITE. SECTION K CONCERNS CHINESE. \$\text{SECTION K CUNCERNS CHINESE.}\$
45747 LECT-DISC \*A 1 M W F 311 D H
45755 LECT-DISC \*C 10 M W F 312 D H
45763 LECT-DISC \*G 1030-12 TU TH 136 ARMORY
45771 LECT-DISC \*J 4-6 TU 312 D H
45739 LECT-DISC K ARR 311 D H 312 D H 136 ARMORY MILLER KIM MAKINO ZGUSTA CHENG LING 305 INTRODUCTION TO APPLIED LINGUISTICS:

PREREQUISTITE: CONSENT OF INSTRUCTOR:

3 HOURS OF 3/4 UNIT

LECT-DISC 9 M W F 312 D H BOUTON LING 317 LANGUAGES OF THE WORLD. PREREQUISITE: LING, 300 OR CONSENT UF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT
45798 LECT-DISC 3 M W F 4 G H YEGERLEHNER 320 INTRODUCTION TO AFRICAN LINGUISTICS. PREREQUISITE: LING. 200 OR 300, AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT 2 M W F 170 L H STAHLKE LECT-DISC 45301 LING 330 INTRODUCTION TO FAR EASTERN LINGUISTICS. SAME AS CHIN., JAPAN, AND KOREAN 330.
PREREQUISITE: LING. 300 AND CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 45810 LECT-DISC STAFF 340 HISTORY OF LINGUISTICS. LING PREREQUISITE: LING. 300 OR EQUIVALENT.
3 HOURS OR 1 UNIT 7-33CPM TU TH 312 D H 45828 LECT-DISC STAFF LING 351 AREA LINGUISTICS. PRFREQUISITE: LING. 300.
3 HOUPS OR I UNIT
45836 LECT-DISC 45936 LEHMAN 11 M W F 209H D H LING 360 INTRIDUCTION TO SOUTH ASIAN LINGUISTICS.
PREREQUISTTE: CONSENT OF INSTRUCTOR.
3 HJURS OR 1 UNIT UR 1 UNIT LECT-DISC 11-1230 TU TH 312 D H 45344 Y. KACHRU 367 INTRIDUCTION TO GERMANIC LINGUISTICS. SAME AS GMC. 367. LING PREREQUISITE: COMPLETION OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL AFTS AND SCIENCES, OR EQUIVALENT. SOME KNOWLEDGE OF GERMAN DESTRABLE. 2 HOURS OR 1/2 UNIT 9 TU TH 216 L H ANTONS EN 45352 LECT-DISC B LING 370 LANGUAGE, CULTURE, AND SUCIFTY.
SAME AS COMM. AND ANTH. 370.
3 HOURS, DR 1/2 OR 1 UNIT
45361 LECT-DISC 3

M W F

304 L H

BRUKMAN

LING	383 INTRIDUCTION TO SANSKRIT LINGUISTICS, II. PREREQUISTIE: LING. 382.	
	3 HOURS UR LUNIT 45979 LECT-DISC 2 M W F 311 D H	носк
LING	388 LINGUISTICS IN LANGUAGE LEARNING, I. SAME AS RHET. 388.	
	PREPROVISITE: THO YEARS OF FOREIGN LANGUAGE AND CONSENT OF INSTRUCTOR. 4 HOURS OR 3/4 UNIT	
	45.887 LECT-DISC C 10 M W F 210A E B	
LING	369 LINGUISTICS IN LANGUACE LEARNING, 11. SAME AS RHET. 389.	
	PREREQUISITE: RHFT./LING. 388 AND CONSENT OF INSTRUCTOR. 4 HOURS OR 3/4 UNIT 86292 LECT-DISC F 2 M W F 9 C A	
	COURSES FOR GRADUATES	
LIN5	401 SYNTAX.  PREPEDUISITE: LING. 300 OF EQUIVALENT. 1 UNIT	
		GEIS
LING	402 PHONILOGY. PREREQUISITE: LING. 301 JP CONSENT OF INSTRUCTOR.	
	1 UNIT 45909 LECT-DISC 1 M H F 312 D H	KISSEBERTH KENSTOWIC
LING	403 SEMINAR IN LINGUISTIC ANALYSIS.	
	PREMEDUISITE: LING. 4CI.  *MAY BE REPEATED FOR CREDIT WITH CONSENT OF INSTRUCTOR.  *1 UNIT	
	SECTION B TOPIC: DIACHRONIC SYNTAX. SECTION C TOPIC: TOPICS ON SEMANTICS. SECTION D TOPIC: SEMINAR IN SOUTH ASIAN ENGLISH.	
	SECTION E TOPIC: PHILOSOPHY OF LINGUISTICS. SECTION F TOPIC: SEMINAR IN COMPUTATIONAL LINGUISTICS. 45941	GREEN
	45941 LECT-DISC B 2 M W F 305 G H 45950 LECT-DISC C 3 M W F 311 D H 45917 LECT-DISC D 7-830PM TU TH 311 D H 45925 LECT-DISC E 7-10PM W 312 D H 45933 LECT-DISC F ARR	MORGAN MOHAN
	45933 LECT-DISC F ARR	GETS CHENG
LING	404 PRACTICUM. PREREGUISITE: LING. 401 AND 402.	
	I UNIT 45968 LECT-DISC 1-230 TU TH 311 D H	KISSEBERTH STAFF
LING	405 SEMINAR IN STYLISTICS.	
	PPEREQUISITE: LING. 300 OR 305, AND CONSENT OF INSTRUCTOR.  1 UNIT 45976 LECT-DISC 11-1 TU 204 N L	STAFF
	11 TH 204 N L	
LING	4C7 ADVANCED TOPICS IN MATHEMATICAL LINGUISTICS. PREREDJISTIE: LING. 3C7 OR EQUIVALENT. 1 UNIT	
	1 UNIT 45994 LECT-DISC 10-1130 TU TH 300 N L	SKOUSEN
LING	SAME AS RUSS. 4CA.	
	PREREQUISITE: CONSENT OF INSTRUCTOR.  1 UNIT 45992 LECT-DISC BC 920-1035 TU TH 392 L H	KENSTOWICZ
,		
£146	41° ADVAICED FIELD METHODS I. LINGUISTICS. SAME AS ANTH. 410. PRICEPUISTE: LING. 409 OR EQUIVALENT.	
	1 UNIT 46009 LECT-DISC B 11 M W F 312 D H	STAHLKE

RESEARCH SEMINAR IN HISTORICAL LINGUISTICS. LING 412 PREREQUISITE: LING. 411 DR CONSENT OF INSTRUCTOR. 1 UNIT

46017

LECT-DISC

MILLER

LING 415 SE SEMINAR IN INDO-EUROPEAN LINGUISTICS.

46025

LECT-DISC

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TU TH

312 D H

312 D H

HOCK

419 CONTRASTIVE ANALYSIS. LING

SAME AS RHET. 419.
PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT

46033 LECT-DISC C 10 M W F 252 E E B

LING 424 LINGUISTICS AND COMMUNICATIONS.
SAME AS COMM. 424. 1 UNIT

3-5 TU

Y. KACHRU

MACLAY

LING 481 TUPICS IN SYNTACTIC THEORY. PREREQUISITE: LING. 317 OR 387 OR 401, AND CONSENT OF INSTRUCTOR.

LECT-DISC

1 UNIT 46050

46041

LECT-DISC

7-10PM M

312 D H

43 G H

GEIS/MORGAN

SPECIAL TOPICS IN LINGUISTICS. LING 490

1/2 TO 2 UNITS 46068 CONF 46106 CONF 46106

A B ARR ARR 46076 CONF 46084 CONF 46092 CONF ARR ARR

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HOCK/GETS KISSEBERTH/KIM KAHANE B. KACHRU

STAFF

LING 499 THESIS RESEARCH.

+99 THESIS RESEARCH.

0 TO 4 UNITS
46131 CONF A
46149 CONF B
46157 CONF C
46114 CONF D
46122 CONF E ARR ARR ARR

HOCK/GEIS KISSEBERTH/KIM KAHANE B. KACHRU STAFF

## MATHEMATICS

DEPARTMENT DEFICE

273 A H

# MAJOR IN MATHEMATICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND TWELVE HOURS IN COURSES CHOSEN FROM MATHEMATICS 314, 317, 318, 327, 328, 332, 333, 342, 347, 348, 349, 353, 354, 361, 364, 366, 387, 392. FOR STUCENTS PREPARING FUR GRADUATE STUDY IN MATHEMATICS, THE FOLLOWING COURSES ARE RECOMMENDED: MATHEMATICS 317, 318, 332, 347, 348. STIDENTS IN SPECIAL CURRICULA AND THOSE WHO DO NOT INTEND TO PURSUE MATHEMATICS PROFESSIONALLY SHOULD CONSULT WITH THEIR ADVISORS.

MINDRS: THENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ACCOUNTANCY, ASTRUNOMY, CHEMISTRY, COMPUTER SCIENCE, ECONOMICS, FINANCE, PHILOSOPHY, PHYSICS, PSYCHOLOGY, STATISTICS (MATHEMATICS 161, 361, 362, 363, 364, 375), SURVEYING, THEORETICAL AND APPLIED MECHANICS, DEPARTMENTAL HONORS: ENTERING STUDENTS WITH SUPERIOR MATHEMATICAL ABILITY SHOULD APPLY TO THE DEPARTMENT OF MATHEMATICS, 273 ALTGELD HALL, FOR INFORMATION REGARDING THE HONORS COURSE, MATHEMATICS 169. INFORMATION REGARDING THE HONORS COURSE, MATHEMATICS 1100. IN MATHEMATICS IS AVAILABLE FROM THE ADVISING OFFICE, 269 ALTGELD HALL. HALL.

NOTE: AN ENTERING STUDENT WITH AN ADEQUATE PREPARATION IN HIGH SCHOOL MATHEMATICS SHOULD ENROLL IN ANALYTIC GEOMETRY (MATH. 122 OR 123) DURING THE FIRST SEMESTER, ATD IN CALCULUS (MATH. 132 OR 133) DURING THE SECOND SEMESTER OF HIS FERSHMAN YEAR. ADMISSION TO ANALYTIC GFOMETRY NERMALLY PEQUIRES A PASSING GRADE ON THE MATHEMATICS PLACEMENT TEST. A STUDENT INELIGIBLE FOR ANALYTIC GEOMETRY SHOULD ENROLL IN ALGEBRA (MATH. 111 OR 112) AND TRIGONOMETRY (MATH. 114) DURING HIS FIRST SEMESTER.

STUDENTS IN SPECIAL CURPICULA AND THUSE WHO INTEND TO TERMINATE THEIR STUDY OF MATHEMATICS WITH THE MACHELOR'S DEGREE SHOULD CONSULT THEIR ADVISES PEGANDING OTHER SELECTIONS FROM THE ABOVE LIST OF REQUIRED COURSES THAT WOULD RELATE TO THEIR SPECIAL INTERESTS.

#### MAJOR IN STATISTICS

MAJOR: THENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING FIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 29C AND THE FOLLOWING SPECIFIC COURSES: 315 OR 318, 347, 363, 364.

MINORS: TWENTY HOURS IN ONE SUBJECT APPROVED BY THE DEPARTMENT OF MATHEMATICS. OF THESE TWENTY HOURS NIT MORE THAN NINE MAY BE IN STATISTICAL METHODS, AND MATH. 161 MAY BE TAKEN AS THREE OF THESE HOURS. THE COURSES NOT EMPHASIZING STATISTICAL METHODS SHOULD BE CHOSEN SO THAT COURSES ON THE 400 LEVEL CAN BE TAKEN IF THE STUDENT ENTERS THE GRADUATE COLLEGE.

#### MAJOR IN ACTUARIAL SCIENCE

MAJUR: ONE YEAR OF CALCULUS AND AT LEAST FIVE COURSES CHOSEN FROM THE FOLLOWING: COMPUTER SCIENCE 101, MATHEMATICS 311, 312, 362, 363, 371, 372.

MINORS: TWENTY HOURS CHOSEN FROM THE FOLLOWING: FINANCE 258, 259, 260, 262, 270, 360, 363, 370.

NOTE: STUDENTS ARE URGED TO ELECT ACCY. 201 AND 8. ADM. 261 IN THEIR JUNIOR YEAR.

### MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS CFFERED BY THE DEPARTMENT OF MATHEMATICS UNDER THE CURRICULUM IN SCIENCES AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 123, 132, 142 (OR 133, 143), 341, 342, 317, 318, 347, 348 (OR 361).

FIRST MINOR: C. S. 101, 201, 387, AND ONE OF 294, 301, OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IT IS RECOMMENDED THAT THE ABOVE COURSES BE TAKEN IN THE FULLOWING SEQUENCE:
FRESHMAN YEAP: FIRST SEMESTER, MATH. 123; SECOND SEMESTER, MATH. 137 (OR MATH. 133).
SOPHOMORE YEAR: FIRST SEMESTER, MATH. 142 (OR MATH. 143); SECOND SEMESTER, C. S. 101, MATH. 341.
JUNIOR YEAR: FIRST SEMESTER, MATH. 317, 342; SECOND SEMESTER, C. S. 201 OR 301, MATH. 318.
SENIOR YEAR: FIRST SEMESTER, MATH. 347, ONE OF C. S. 294, 201, 301, 311; SECOND SEMESTER, C. S. 387, MATH. 348 OR 361.

NOTE: CERTAIN MATHEMATICS COURSES HAVE BEEN RENUMBERED. THE FOLLOWING OLD AND NEW NUMBERS MAY BE INTERCHANGED IN URDER TO SATISFY LISTED PREREQUISITES: OLD MATH. 122 AND 123 ARE NOW MATH. 120; OLD MATH. 132 IS NOW MATH. 130 AND 135; OLD MATH. 133 IS NOW MATH. 131; OLD MATH. 142 IS NOW MATH. 140 AND 145; OLD MATH. 143 IS NOW MATH. 141.

## COURSES FOR UNDERGRADUATES

HTAN	101 BAS		ICS.			
	4 HOURS 46165	LECT-DISC	V1	12	MIUWIHE	341 A H
	46173	LECT-DISC	F1	2	MIUWIHE	259 A H
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TAIM						GEOMETRY, 1 UNIT.
	3 HOURS					
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матн	111 440	EBRA.				
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	OFFICE.	S CHURSE ON	LESS THEA	HAVE IN	E APPRUVAL (	F THEIR COLLEGE
		IS NOT GIVE	N FOR BOTH	H MATH.	111 AND 112.	
	≠5 HOURS					
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	46203 46211	LECT-DISC LFCT-DISC	BI .	10		159 D H 159 D H
	46220	LECT-DISC	01	11	MIUWIHE	159 D H
	46238	LECT-DISC	X 1	12	MITUWIHE	321 A H
	46246	LECT-DISC	E 1	1	MTUWTHE	159 D H
	46254	LECT-DISC	F1	2		159 D H 159 D H
	46262	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	GI	7	TIOWITH	199 0 11
HTAP	112 COL					NE CEOHETON
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		IS NOT GIVE	N FER BETI	н матн.	111 AND 112	
	*3 HOURS					
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	46289 46297	LECT-DISC	V1 .	1 2	M W F	313 D H 247 A H
	46301	LECT-DISC LECT-DISC LECT-DISC	F1	2	4 W F	204 H H
	46319	LECT-DISC	G1	3	M W F M W F M W F	110 L H
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124 1 11	PRESENUT	SITE: ENTRA	NCE ALGERI	RA, 1-1/	2 UNITS. OR	REGISTRATION IN
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	46343	LECT-DISC	M2	9		1C8 A H
	46351	LECT-DISC	N1	10	TU TH	102 A H
	46360	LECT-DISC	N2	10	IU TH	108 A H
	46378 46386	FECI-DISC	P1	I 1		102 A H
	46394	LECT-DISC	P1	1	TU TH	102 A H
	46403	LECT-DISC	R2	1	TU TH	108 A H
	46416	LECT-DISC	51	2		147 A H
	46424 46432	LECT-DISC	T1	3		102 A H 102 A H
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	PREREQUI EQUIVALE		KA, I UNI	, PLANE	GEOMETRY, 1	UNIT DR
			VOLVES DU	PLICATIO	N OF CREDIT	WITH MATH. 104,
	111, 112	. AND 114.				
	*4 HOURS					245
	46441	LECT-DISC	A1	8		345 A H 204 H H
	45467	LECT-DISC	E1 G1	3		173 A H

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PREREDUISITE: MATH. 118.
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REGISTRATION IN MATH. 149, SECTION EQ.

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INTRODUCTION TO MATHEMATICS, II.

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MATH
      131
            CALCULUS AND ANALYTIC GEWYETRY.
         PREREQUISITE: MATH. 120.
          3 HOURS
          *SECTION SAL IS AN HONORS SECTION PROJURING CONCURRENT REGISTRATION
         IN MATH. 149, SECTION ER.
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MATH 134
               INTRIDUCTURY ANALYSIS FOR SUCIAL SCIENTISTS, 11.
         PREREQUISITE: MATH. 124.
         4 HOURS
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134 CONTINUED
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47721 LECT-DISC D2 11 MTUWTH
47723 LECT-DISC X1 12 MTUWTH
47736 LECT-DISC X2 12 MTUWTH
47756 LECT-DISC E1 1 MTUWTH
47756 LECT-DISC E2 1 MTUWTH
47751 LECT-DISC E2 1 MTUWTH
47779 LECT-DISC E2 2 MTUWTH
47779 LECT-DISC E3 3 MTUWTH
47781 LECT-DISC E4 3 MTUWTH
47811 LECT-DISC E4 3 MTUWTH
47812 LECT-DISC E4 4 MTUWTH
47813 LECT-DISC E4 4 MTUWTH
47814 LECT-DISC E5 4 MTUWTH
47815 LECT-DISC E6 4 MTUWTH
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MATH 135 CALCULUS.

PREREQUISITE: STUDENTS MUST HAVE COMPLETED A THOROUGH COLLEGE LEVEL

ANALYTIC GEOMETRY. OR THE EQUIVALENT.
            5 HOURS
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MATH 140
           PREREQUISITE: MATH. 130.
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            CALCILUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 131.
MATH 141
            5 HOURS
         5 HOURS
47918 LECT-DISC AI 8 MIUWTHF 165 A H
47926 LECT-DISC XI 12 MIUWTHF 343 A H
47934 LECT-DISC EI 1 MIUWTHF 153A M E B
MATH 145 CALCULUS.

PRESEQUISITE: MATH. 135.
            5 HOURS
            *SECTIONS &A1, &D1, AND &F2 ARE HONORS SECTIONS AND REQUIRE
                 CONCURRENT REGISTRATION IN MATH. 149 SECTION &S.
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343 A H
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              HONORS COURSE IN MATHEMATICS.
MATH 149
            ENROLLMENT LIMITED TO STUDENTS WITH SUPERIOR MATHEMATICAL TALENTS.
            PREREQUISITE: REGISTRATION IN AN HONGRS SECTION OF MATH. 120, 130,
            131, 140, OR 141; CONSENT OF THE DEPARTMENT.
            *SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 130, &C1
            OR EFI.
            *SECTION &R PEQUIRES CONCURRENT FEGISTRATION IN MATH. 131 &A1.
            *SECTION &S REQUIRES CONCURRENT REGISTRATION IN MATH. 145 &A1,
            £01 OR &F2.
                                             ARR
          48140 LECT-DISC *&Q
48158 LECT-DISC *&R
48166 LECT-DISC *&S
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MATH 161 STATISTICS. PRESEDUTSITE: MATH. 111 OR 112, SCPHEMORE STANDING. \*CREDIT IS NOT GIVEN FOR MATH. 161 IN ADDITION TO ECON. 171 OR PSYCH. 135. \*3 HOURS STUDENTS AHO HAVE COMPLETED A YEAR OF CALCULUS SHOULD ENROLL IN 49174 STOUT 245 E E 8 48182 MATH 198 PRESHMAN SEMINAR.

PRESEDUISITE: ENPOLLMENT IN THE MATHEMATICS HONORS PROGRAM AND CONSENT OF DEPARTMENT. 3 HOURS 48191 LECT-DISC C1 10 M W F 447 A H WETZEL 9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. MATH 199 \*0 TO 9 HOURS 48204 CONE ARR COURSES FOR ADVANCED UNDERGRADUATES MATHFMATICS FOR ELEMENTARY TEACHERS, I.
PREREQUISITE: JUNIOR STANDING IN FLEMENTARY EDUCATION.
\*NC CREDIT FOR L. A. AND S. SIUDENTS. MATH 202 ≠5 HOURS LECT-DISC E1 1 LECT-DISC F1 2 48212 MTUWTHE 110 L H 48221 MATHEMATICS FOR ELEMENTARY TEACHERS, II.

PREREQUISITE: MATH. 202 OR CONSENT OF INSTRUCTOR.

\*NO CREDIT FUR L. A. AND S. STUDENTS. MATH 203 #3 HOURS LECT-DISC E1 LECT-DISC E2 LECT-DISC F1 48239 238 ADMIN 4 4 F 4 W F 1 2 143 ADMIN 238 ADMIN 48247 48255 LECT-DISC HI 156 ADMIN 48263 HUNDRS COURSE IN MATHEMATICS. MATH 249 PREREQUISITE: CONCURRENT REGISTRATION IN DESIGNATED HONORS SECTIONS DE CERTAIN ADVANCED UNDERGRADUATE MATHEMATICS COURSES. 1 HOUR \*SECTION &P REQUIRES CONCURRENT REGISTRATION IN MATH. 347 &D1. \*SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 349 &E1. \*SECTION &RI REQUIRES CONCURRENT REGISTRATION IN MATH. 317 &FI. LECT-DISC \*&P LECT-DISC \*&Q LECT-DISC \*&R ARR 48271 48280 ARR 48298 ARR MATH 263 STATISTICS IN FNGINFERING AND THE PHYSICAL SCIENCES.

PREREQUISITE: MATH. 140 DR 141 OR 145 OR EQUIVALENT. 3 HOURS LECT-DISC 81 LECT-DISC C1 LECT-DISC E1 48301 0 153A M E B MWF 138 M E B 173 A H 48310 10 43328 MATH 287 INTRODUCTION TO NUMERICAL ANALYSIS. SAME AS C. S. 287.
PREREQUISITE: C. S. 101 OR 121. UNE YEAR OF CALCULUS. CONSENT OF INSTRUCTOR. 3 HOURS 44336 LECT-DISC CI 10 M W F 314 A H WATANABE 2 THESIS AND READING COURSE. PREREQUISITE: MATH. 347 WITH GRADE OF B OP BETTER, OR CONSENT OF MATHEMATICS HONDER COMMITTEE. MATH 292 2 HOURS 48344 CONE ARR INTERMEDIATE SEMINAR. PREREQUISITE: ENROLLMENT IN MATHEMATICS HONORS PROGRAM AND CONSENT OF THE CEPARTMENT. 3 HOURS 48352 LECT-DISC C1 1.0 M W F 443 A H DIAMOND

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

THE THEORY OF SETS AND THE REAL NUMBER SYSTEM. PRESEQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTUR.
3 HOURS OR 1 UNIT 4 W F 4 A 3 6 1 LECT-DISC G1 341 A H BUONE 1 FUNDAMENTAL CONCEPTS OF ALGEBRA.
PREREJUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF MATH 371 INSTRUCTOR. PHIJRS OR 1 UNIT #STCTION 31 CONSIDERS MODERN APPLIED ALGEBRA. 1379 LECT-01SC #01 11 M W F 156 ADMIN 48379 HOHN Z TOPICS IN GEOMETRY.
PREREDUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT 48387 LECT-DISC A1 8
48395 LECT-DISC C1 10
48409 LECT-DISC C2 10 M W F M W F 241 A H 341 A H 445 A H ADVANCED ASPECTS OF EUCLIDEAN GEOMETRY.

PPEREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF MATH INSTRUCTOR.
3 HOURS OR 1 UNIT 43417 LECT-DISC B1 9
43425 LECT+DISC C1 11 M W F 102 A H TEACHERS COURSE.

MEETS FIRST SIX WEEKS AND LAST FUUP WEEKS OF SEMESTER.

PREHEPOUTSITE: MATH. 140 OP 141 OP 145 OR EQUIVALENT, OR CONSENT OF MATH 305 INSTRUCTOR. 3 HJUPS, JR 1/2 UR 1 UNIT 45433 LECT-DISC DI 11 MTUWTHF 143 ADMIN 48441 LECT-DISC EI 1 M W F 347 A H 6 SELECTED MATHEMATICAL TOPICS FOR SECONDARY SCHOOL TEACHERS, I.
PREREWIJSITF: ONE YEAR OF SECONDARY SCHOOL TEACHING IN MATHEMATICS
OF CONSENT OF INSTRUCTOR. MATH 3 HJURS, JR 1/2 OR 1 UNIT 48450 LECT-DISC B1 43468 LECT-DISC D1 447 A H 11 VAUGHAN MATH 307 SELECTED MATHEMATICAL TOPICS FOR SECONDARY SCHOOL TEACHERS, II.

PREREQUISITE: ONE YEAR OF SECONDARY SCHOOL TEACHING IN MATHEMATICS
OR CONSENT OF INSTRUCTOR. 3 HOURS, OF 1/2 OR 1 UNIT B476 LECT-DISC KI 730-9PM TU TH 241 A H 48476 2 ADVANCED ALGERKA.
PREREQUISITE: MATH. 140 OF 141 OR 145 OR EQUIVALENT OR CONSENT OF MATH 312 INSTRUCTOR. 3 HOURS OR 1 UNIT \*SECTION 31 CONSIDERS THEORY OF INTEREST. 6446 LECT-DISC \*81 9 M W M W F 108 A H 86446 FERGUSON INTRODUCTION TO SET THEORY AND MATHEMATICAL LOGIC. PREREQUISITE: MATH. 140 OF 141 OF 145 OR EQUIVALENT. 3 HTURS OR 1 UNIT LECT-DISC G1 147 A H SCHUPP

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5 LINEAR TRANSFORMATIONS AND MATRICES.
PREREQUISITE: MATH. 140 UP 141 UF 145 OR EQUIVALENT.
MATH 315
             3 HOURS OR 1 UNIT
             *SECTION AZ IS FOR STUDENTS WHO HAVE COMPLETED MATH. 134.
          48492 LECT-DISC A1 8
48565 LECT-DISC *A2 8
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          48514 LECT-DISC C2
48522 LECT-DISC F1
48531 LECT-DISC F2
48549 LECT-DISC G1
48557 LECT-DISC G2
                                                                                    343 A H
321 A H
145 A H
321 A H
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         317 INTRODUCTION TO HIGHER ALGEBRA, I.

PPEREQUISITE: MATH. 140 OR 141 OF 145 OR EQUIVALENT.

3 HJURS OR 1 UNIT

**SECTION &FI IS AN HONOPS SECTION REQUIRING CONCURRENT REGISTRATION
IN MATH. 249 &P.

48573 LECT-DISC 81 9 M W F 345 A H

48591 LECT-DISC M1 9-103C TUTH 155 A H

48590 LECT-OISC C1 10 M W F 159 A H

48602 LECT-DISC D1 11 M F 345 A H

48611 LECT-DISC E1 1 M F 345 A H

48611 LECT-DISC E1 3 M F 345 A H

48628 LECT-DISC E1 1 M F 345 A H

48628 LECT-DISC E1 3 M F 345 A H
MATH 317
                  INTRODUCTION TO HIGHER ALGEBRA, I.
                                                                                                                  ECKER
                                                                                                                   MC LAUGHLIN
                                                                                                                 FR TESEN
MATH 318 INTRIDUCTION TO HIGHER ALGEBRA, II.
             PREREQUISITE: MATH. 317.
             3 HOURS OR 1 UNIT
            *SECTION G2 IS FOR STUDENTS IN THE TEACHER TRAINING CURRICULUM.
          48646 LECT-DISC B1 9 M W F 110 A H
48654 LECT-DISC N1 1030-12 TU TH 159 A H
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48671 LECT-DISC GI 3
48697 LECT-DISC #G2 3
48689 LECT-DISC HI 4
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F 257 A H
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MATH 323 THE ELEMENTS OF GEOMETRY AND TOPILIGY, I.
          PREREQUISITE: MATH. 343.
            3 HOURS OR 1 UNIT
8701 LECT-DISC N1 1030-12 TO TH 165 A H
          48701
                                                                                                                 ALBRECHT
MATH 324
                   ELEMENTS OF GEOMETRY AND TOPCLOGY, II.
         PREPEQUISITE: MATH. 323.
            3 HOURS OR 1 UNIT
                       LECT-DISC G1 3 M w F
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                                                                                   159 A H
                   INTRODUCTION TO SET THEORY AND TUPOLUGY.
HIAM
         PREREDUISITE: CREDIT OR REGISTRATION IN MATH. 347. 3 HOURS OR 1 UNIT
         48727 LECT-DISC MI
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MATH 341 DIFFERENTIAL FQUATIONS, I.

PREREDUISITE: MATH. 140 OR 141 UK 145 OR EQUIVALENT.
         48751 LECT-DISC F2
48760 LECT-DISC G1
48760 LECT-DISC G2
48778 LECT-DISC H1
          48735 LFCT-DISC
48743 LECT-DISC
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165 A H
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                   DIFFERENTIAL EQUATIONS, II.
          PREREQUISITE: MATH. 341.
             3 HOURS OR 1 UNIT
          48786 LECT-DISC D1 11 M W F 147 A H 48794 LECT-DISC F1 2 M W F 347 A H 48998 LECT-DISC G1 3 M W F 149 ADMIN
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MATH 493 LINEAR PROGRAMMING.
SAME AS C. S. 383.
PRICE DUTSITE: ONE YEAR OF CALCULUS.
3 HJUPS 37 L JUNIT
49463 LECT-DISC E1 L M W F 152 ADMIN 107.4 29h LAPLACE TRANSFERMS. PREMEDIALITY MATH. 343.

3 HOURS DR LOUIT

49471 LECT-DISC DI 11 M W F 169 A H SCOTT MATH 387 NUMERICAL ANALYSIS. SAME AS C. S. 387.

PRESEDUISITE: C. S. OP MATH. 287, A KNOWLENGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT 494HC LECT-DISC F1 1 M W F 156 ADMIN PHILLIPS MATHEMATICAL METHODS IN ENGINEERING AND SCIENCE. MATH 388 PREREJUISITE: MATH. 343.
3 HJURS OR 1 UNIT LANGEBARTEL WIJSMAN 4ATH 391 BOCLEAN ALGEBRA AND SWITCHING THEORY. SAME AS C. S. AND F. E. 391.
PRESEQUISITE: SENIOR STANDING AND COMSENT OF INSTRUCTOR. 3 HOURS, JR 1/2 OR 1 UNIT 9528 LECT-DISC M1 10-112C TO TH 119 M M B METZE MATH 392 INTRODUCTION TO AUTOMATA THEORY.

SAME AS C. S. AND E. E. 392.

PRESEQUISITE: C. S., F. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

49536 LECT-DISC B1 9 M W F 165 A H MULLER

49544 LECT-DISC D1 11 M W F 168 E E B COURSES FOR GRADUATES MATH 400 SENERAL SEMINAR. 47552 LECT-DISC U1 4 TU TH 314 A H HOHN SECOND COURSE IN ABSTRACT ALGEBRA, I. MATH 401 PREREQUISITE: MATH. 317 AND 318. 1 UNIT \*SECTION DI IS FOR AYI STUDENTS. 49570 LECT-DISC \*DI 11 M W F 241 A H BRAUNFELD 49551 LECT-DISC GI 3 M W F 241 A H GARFINKEL MATH 402 SECOND COURSE IN ABSTRACT ALGEBRA. II. PREREQUISITE: MATH. 401. 1 UNIT 49587 LECT-DISC F1 2 M W F 241 A H 49595 LECT-DISC G1 3 M W F 243 A H DORNHOFF THEORY OF RINGS. PRESEDUTSITE: MATH. 401, 402 JR ECUTVALENT.
1 UVIT
49609 LECT-DISC G1 3 M W F 245 A H VATH 404 GROUP THEORY.
PRERFUUISITE: MATH. 401 AND 402 GP EQUIVALENT.
1 UNIT

1) M W F 241 A H

D. ROBINSON

LECT-DISC C1

49517

410 LOGICAL FOUNDATIONS OF MATHEMATICS, I. PREREQUISITE: MATH. 314 DR 317 CR 347 OR PHIL. 333 UR CONSENT OF INSTRUCTOR. MATH 410 1 LINET 1 M W F 49625 241 A H HASENJAEGER 1 FCT-DISC E1 MATH 411 LOGICAL FOUNDATIONS OF MATHEMATICS, II. PREFEQUISITE: MATH. 410. 1 UNIT LECT-DISC C1 10 M W F 243 A H 49633 ADDEL 412 RECURSIVE FUNCTION THEORY.

PREREQUISITE: MATH. 41C OF CONSENT OF INSTRUCTOR.

1 UNIT LECT-DISC E1 1 4 W F 243 A H JOCKUSCH 49641 SET THEORY. MATH 413 PRE LEQUISITE: MATH. 410. 1 UNIT PASO LECT-DISC F1 2 M W F 243 A H ZARING MATH 415 5 ADVANCED TOPICS IN THE THEORY OF GROUPS.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT \*SECTION 91 CONSIDERS CEDERED GROUPS AND RINGS.
\*SECTION C1 CONSIDERS ABELIAN GROUPS.
49668 LECT-DISC \*R1 9 W F 241 A H WEINBERG
49676 LECT-DISC \*C1 10 M W F 245 A H ARMSTRONG 6 ADVANCED TOPICS IN ABSTRACT ALGEBRA.
PREREQUISITE: CONSENT OF INSTRUCTOR. MATH 416 1 UNIT \*SECTION NI CONSIDERS MODERN APPLIED ALGEBRA, CONTINUED. \*SECTION DI CONSIDERS ABELIAN CATEGORIES. \*SECTION D2 CONSIDERS SET THEORY. \*SECTION E1 CONSIDERS LOGIC IN GROUP THEORY.
\*SECTION E2 CONSIDERS ALGEBRAIC NUMBER THEORY. SECTION F1 CONSIDERS CLASS FIELD THEORY. SECTION GI CONSIDERS GALOTS COHOMCLOGY. SECTION G2 CONSIDERS COMBINATORIAL THEORY. SECTION HI CONSIDERS REPRESENTATION THEORY. SECTION HI CONSIDERS REPRESENTATION THEORY.
49697 LECT-DISC \*N1 1030-12 TU TH
49706 LECT-DISC \*D1 11 M W F
49714 LECT-DISC \*D2 11 M W F
49715 LECT-DISC \*E1 1 M W F
49719 LECT-DISC \*E2 1 M W F
49749 LECT-DISC F1 2 M W F
49757 LECT-DISC G1 3 M W F
49765 LECT-DISC G2 3 M W F
497684 LECT-DISC H1 4 M W F 110 A H SROWN
243 A H GRIFFITH
245 A H TAKFUTI
245 A H BOONE
247 A H JANUSZ
245 A H REINER
247 A H DIBELLO
259 A H PARKER 241 A H WALTER MATH 422 ALGEBRAIC GEOMETRY. PREREQUISITE: MATH. 328. 1 UNIT \*SECTION G1 CONSIDERS ALGEBRAIC CURVES.
49773 LFCT-DISC \*G1 3 M W F 257 A H BABAKHANIAN 23 DIFFERENTIABLE MANIFOLDS. PREREQUISITE: MATH. 323-324 OR CONSENT OF INSTRUCTOP. MATH 423 1 UNIT 49781 M W F 247 A H LECT-DISC CL 1.0 FRANCIS MATH 424 RIEMANNIAN GEOMETRY
PREREQUISITE: MATH. 423. RIEMANNIAN GEOMETRY. I UNIT 49790 1 M W F LECT-DISC E1 257 A H S. ALEXANDER MATH 426 LINEAR ANALYSIS ON MANIFULDS, II. PREREQUISITE: MATH 425.

1 UNIT
49803 LECT-DISC F1 2 M W F 247 A H KAMBER

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MATH 427 LIE GROUPS.
         PREREQUISITE: MATH. 423.
           1 UVIT
        47511
                    LECT-DISC HI
                                                    M w F 243 A H
                                                                                         CARROLL
          B TIPICS IN GEOMETRY.
PREPEQUISITE: CONSENT OF INSTRUCTOR.
MATH 428
           1 UNIT
           *SECTION OF CONSIDERS COMPLEX MANIFOLDS.
          *SECTION F1 CONSIDERS FLITPTIC OPERATORS. *SECTION F2 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.
        43920 LECT-DISC *DI LI M W F 259 A H
49839 LECT-DISC *EI L M W F 102 A H
49846 LECT-DISC *E2 I M W F 108 A H
                                                                                        GOLDBERG
TONDEUR
WETZEL
          ALGEBRAIC TOPOLOGY, I.
PREMEDUISITE: MATH 332 AND CMEDIT OF REGISTRATION IN MATH. 402,
18 CONSENT OF INSTRUCTOR.
MATH 431
           *SECTION F1 ASSUMES MATH. 332 AND CONCURPENT REGISTRATION IN
        MATH. 401.
4.754 LFCT-DISC *F1 2 M W F 11C A H
MATH 432 ALGEBRAIC TOPOLOGY, II.

PREREDUISITE: MATH. 431 AND CREDIT OF REGISTRATION IN MATH. 402. UR
          CONSENT OF INSTRUCTOR.
          1 UNIT
          1 UNIT
*SECTION B1 ASSUMES CONCURRENT REGISTRATION IN MATH. 402.
        49862 LECT-DISC *B1 9 W W F 243 A H
                                                                                          FINNEY
                POLYHEDRAL TOPOLUGY.
        PREREQUISITE: MATH. 431 AND 435.
1 UNIT
        49871 LECT-DISC H1 4 M 4 5 245 A H
                                                                                         HAMSTROM
        35 GENERAL TOPOLOGY, I.

PREMEDJISITE: MATH. 332 OR CONSENT OF INSTRUCTOR.
          I UNIT
       4 1884
                    LECT-DISC DI
                                                    4 w F 257 A 4
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        36 GENERAL TOPOLOGY, II.
PREREQUISITE: MATH. 435.
MATH 436
        1 UNIT
49397 LECT-DISC DI 11
                                                                 102 A H
                                                    M W E
                                                                                  JERRARD
          TOPICS IN TOPOLOGY.

PREXEQUISITE: CONSENT OF INSTRUCTOR.
          I UNIT
           *SECTION BE CONSIDERS THREE DIMENSIONAL TOPOLOGY.
          *SECTION OF CONSIDERS HOMOTUPY THEORY.
*SECTION ET CONSIDERS TOPOLOGY OF SINGULARITIES.
          *SECTION Q1 CONSIDERS K-THEORY.
       49901 LECT-DISC *81 19 4 # F 245 A H 49901 LECT-DISC *61 10 4 # F 257 A H 66438 LECT-DISC *E1 1 4 # F 11C A H 49927 LECT-DISC *91 1230-2 TU TH 155 A H
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SHIH
OSBORN
          9 SEMINAR IN TOPOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
          1 UNIT
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MATH 440 IHEORY OF FUNCTIONS OF A COMPLEX VARIABLE, I. PREREQUISITE: MATH. 346 OR CONSENT OF INSTRUCTOR.
        1 UNIT
                    LECT-DISC F1 2
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MATH	PRESEDU	AL ANALYSIS .	I . 34.7 DR	FOULVALEN	τ.						
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	50)88	LECT-DISC	C1	3	Ч	W	F	102	Д	Н	HEINS
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main	PREREQUI	SITE: MATH.	442.								
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	50142	LECT-DISC	C1	10	М	wi	F	108	А	н	TAKEUTI
матн	456 MAT	HEMATICAL M SITE: MATH.	ETHOES 0	F PHYSICS	, I	Ι.					
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MATH 467 RELATIVITY AND COSMOLOGY.
             SAME AS ASTR. AND PHYCS. 424.
      PREREQUISITE: CONSENT OF INSTRUCTOR.
         1 UNIT
      50185
                                            M W F
                                                       140 BUR HALL
                                                                          MAY
MATH 465 TOPICS IN AUTOMATA THEORY.

SAME AS C. S. AND E. E. 465.

PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
        1 UNIT
11:33 LECT-DISC DI 11
                                         M W F 247 A H
       50173
                                                                           MULLER
MATH 468 TOPICS IN ANALYSIS.
       PREREQUISITE: CONSENT OF INSTRUCTOR.
         1 UNIT
         *SECTION MI CONSIDERS ASYMPTOTIC METHODS IN ANALYSIS.
         *SECTION M2 CONSIDERS GLOBAL NON-LINEAR ANALYSIS.
         #SECTION B1 CONSIDERS BOUNDARY VALUE PROBLEMS.
         *SECTION 32 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.
         *SECTION EL CONSIDERS W# ALGEBRAS.
         SECTION FL CONSIDERS BANACH SPACES C(x).
SECTION GL CONSIDERS NUCLEAR SPACES.
         SECTION HI CONSIDERS APPLIED FUNCTIONAL ANALYSIS.
      STOLARKSY
                                                                            ALBRECHT
                                                                            BENZINGER
                                                                            ZARING
                                                                            E. BERKSON
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MATH 469 SEMINAR IN ANALYSIS.
      PREREQUISITE: CONSENT OF INSTRUCTOR.
      1 UNIT
                                                        321 A H
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MATH 474 THE THEORY OF ESTIMATION.
      PREREQUISITE: CONSENT OF INSTRUCTOR.
        1 UNIT
                                   10 M W F
       50371
                                                       155 A H
                LECT-DISC CI
       78 TOPICS IN STATISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
MATH 478
       1 UNIT 50380 LECT-DISC D1 11 M W F 50398 LECT-DISC E1 1 M W F
                                                       159 A H
321 A H
MATH 488 TOPICS IN APPLIED MATHEMATICS.
       PREREQUISITE: CONSENT OF INSTRUCTOR.
         1 UNIT
       *SECTION DI CONSIDERS THEORY OF APPROXIMATION CONTINUED.
50401 LECT-DISC *DI 11 M W F 110 A H
                                                                  BELFORD
MATH 489
            SEMINAR IN APPLIED MATHEMATICS.
       PREREQUISITE: CONSENT OF INSTRUCTOR.
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1 UNIT 321 A H 245 A H 245 A H 245 A H 245 A H

245 A H

READING COURSE. MATH PREREQUISITE: CONSENT OF INSTRUCTOR. 1 TO 2 UNITS Α 50509 CONF ARR 50517 CONF В ARR 50525 CONF C APP THESIS RESEARCH. PREREQUISITE: CONSENT OF INSTRUCTOR. O TU 4 UNITS 50533 CONF MECHANICAL ENGINEERING DEPARTMENT OFFICE 144 M E B COURSES FOR UNDERGRADUATES ENGINEERING MATERIALS AND PROCESSES. M E PREREQUISITE: SOPHOMORE STANDING. 3 HOURS 50541 LECT-DISC A 8 M W F 253 M E B 185 MATERIALS PROCESSING AND PRODUCTION TECHNOLOGY. M E PREREQUISITE: CHEM. 102 (NEW), PHYCS. 106, AND CREDIT OR REGISTRATION IN MATH. 142 OR 143. HOURS M W F TU TU 50550 LECT-DISC BKI 218 LAB BK1 8-11 218 BK 1 8-11 217 LECT-DISC 50568 ВК3 218

STAFE

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8-11 TH BK3 218 LAB 8-11 BK3 217 CQ1 10 CQ1 2-5 M W F 50576 LECT-DISC 218 TH TH 218 LAB 2-5 217 CO1

M E 199 UNDERGRADUATE OPEN SEMINAR.
\*\*MAY BE REPEATED.
\*\*0 TO 9 HOURS
50584 CONF Y ARR

## COURSES FOR ADVANCED UNDERGRADUATES

MEB

336

M E THERMODYNAMICS AND HEAT TRANSFER. PREREQUISITE: MATH. 345. PHYCS. 107. T. A. M. 154 OR 211. 3 HOURS 50592 LECT-DISC 8 236 50606 LECT-DISC 253 B q w 50614 LECT-DISC C F 10 М F 253 MEA ы LECT-DISC 236 50622 1 м lai F MER LECT-DISC 50631 F G м E MEB W 218 110 MEB М 50649 1 ECT-DISC 3 F 5 THER MODYNAMICS. PREREQUISITE: MATH. 142 OR 143, PHYCS. 107. M E 3 HOURS 50657 LECT-DISC C1 10 F 135 Cl 10-12 135 50665 LECT-DISC C 2 1.0 F 110 62 10-12 110 50673 LECT-DISC G1 135 3-5 G1 135 MEB LECT-DISC 50681 G2 М 336 MEB

62

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M F 205 THERMODYNAMICS.

PREREQUISITE: M. E. 205.
            3 HOURS
             *SECTION &DI IS AN HONDRS SECTION.
                   50690
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         50736 LECT-DISC %EDI 11
50711 LECT-DISC D2 11
50720 LECT-DISC F1 2
50738 LECT-DISC F2 2
                                                                               236
                                                                                      M E B
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      207 THERMUDYNAMICS.
PREREQUISITE: MATH. 142 OR 143 AND PHYCS. 107.
M E
            3 HOURS
            STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE DISC SECTION.
          50754 LECT GI 3
50762 LECT C2 3
50760 USC C1 2
50789 UISC C1 2
50789 UISC C3 2
50789 UISC C3 2
50780 UISC C3 3
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M W F 253 M E B
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344 M E B
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                  THER MODYNAMICS AND HEAT TRANSFER.
           PREREQUISITE: MATH. 142 OR 143, PHYCS. 107.
            3 HOURS
         50819 LECT-DISC B1
50827 LECT-DISC B2
50835 LECT-DISC F1
50843 LECT-DISC F2
                                                                              343 M € B
                                                               4 W F M W F
                                                                              204 H E L
236 M E B
                                                    9
                                                                               253 M E B
ΜЕ
                   INTRODUCTION TO ENGINEERING EXPERIMENTATION.
            PREREQUISITE: REGISTRATION IN MATH. 345 AND M. E. 220.
             3 HOURS
            STUDENTS MUST REGISTER IN LECTURE-DISC. AND IN ONE LAB SECTION.
         50851 LECT-DISC K 8 TUTH 253 M E B 50860 LAB L1 9-12 TU 204 M E L 50876 LAB 01 2-5 TU 204 M E L 50894 LAB Q3 2-5 TH 204 M E L
                                                                TH 204 MEL
TU 204 MEL
TH 204 MEL
         50886
50894
              INTRIDUCTORY GAS DYNAMICS.
            PREREQUISITE: MATH. 345, PHYSC. 107, AND M. E. 210(OR CONCURRENTLY)
             3 HOURS
                   LECT-DISC B
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LECT-DISC F
         50908
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         50916
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         50924
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4 E
                 HEAT TRANSFER.
            PREREQUISITE: M. E. 211.
            3 HOURS
         50932
                   LECT-DISC A 8 M W F
LECT-DISC C 10 M W F
LECT-DISC F 1 M W F
                                                                               110
                                                                                     MEB
         50941
                                                                               204
         50959
                                                                               135
                  MECHANICS OF MACHINERY.
MF
          PREREQUISITE: T. A. M. 154 OR 156, OR REGISTRATION IN T. A. M. 211, AND CREDIT OR REGISTRATION IN C. S. 101.
            4 HOURS
            *SECTION &C1 IS AN HONORS SECTION.
                                                             M W F M W F M W F M W F
         50967 LAB-DISC A1 8-10
50975 LAB-DISC A2 8-10
                                                                               353
                                                                               335
                       LAB-DISC *EC1 10-12
LAB-DISC C2 10-12
LAB-DISC E 1-3
         51008
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                                                                                      MEB
          50983
                                                                               335
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                                                                               353
         50991
           4 DESIGN OF MACHINE ELEMENTS.
PREREQUISITE: M. E. 220 OR 221; T. A. M. 221; CREDIT OR
REGISTRATION IN T. A. M. 223.
ME
             3 HOURS
         3 HOURS
*SECTION &A1 IS AN HONORS SECTION.
51067 LECT-DISC *6A1 8-10
51016 LECT-DISC A2 8-10
51024 LECT-DISC C1 10-12
51032 LECT-DISC C2 10-12
51041 LECT-DISC E1 1-3
51059 LECT-DISC E2 1-3
                                                                               336
                                                             M W F M W F M W F
                                                                               344
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                                                                              344 M E B
336 M E B
344 M E B
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HEAT TREATMENT OF METALS.

PREREJUISITE: T. A. M. 221, CREDIT OP REGISTRATION IN M. E. 224 AND
            T. A. M. 223.
            3 HOURS
            STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB SECTION.
                  ENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB

LECT R B TU TH 110

LECT P 11 M F 110

LAB L1 9-12 TU 114

LAB L3 9-12 TU 114

LAB L3 9-12 TH 110

LAB Q1 2-5 TU 114

LAB Q1 2-5 TU 114

LAB Q3 2-5 TH 110

C3 2-5 TH 114
         51075
         51083
         51091
         51105
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         51113
         51121
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110 M E B
114 M E B
         51130
M F
                 THER MO SCIENCE LABORATORY.
          PREREQUISITE: M. E. 205 AND 213.
            3 HJURS
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           2 HEATING AND AIP CONDITIONING FOR ARCHITECTS.
PREREQUISITE: JUNIOR STANDING.
ME
           4 HOURS
                      LECT-DISC D 11
         51172
                                                      MTUWTH 213 G H
ME
                 HEAT TRANSFER AND GAS JYNAMICS.
           PREREQUISITE: M. F. 205, CREDIT OF REGISTRATION IN T. A. M. 235.
*CREDIT IS NOT GIVEN FOR BOTH M. E. 254 AND 212.
           #3 HOURS
         51181 LECT-DISC D 11
                                                    M W F 218 M E B
           INTERNAL COMBUSTION ENGINES.
PREREQUISITE: M. E. 206.
            3 HOURS
         LAB L1 9-11 TU 101 M E B LAB L3 9-11 TU 101 M E B LAB C3 9-11 TU 101 M E B LAB C3 2-4 TU 101 M E B
         51211 LAB
51229 LAB
51237 LAB
51245 LAB
        257 GAS TURBINES.
4 F
           PREREQUISITE: M. F. 206, AND 212 CF EQUIVALENT.
           3 HOURS
                     LECT-DISC K 8 TU TH
LAB L1 9-11 TU
LAB L3 9-11 TH
        51253
                                                                       135 M F B
101 M E B
101 M E B
         51261
        260 AIR FLOW AND CONDITIONING.
          PPEREQUISITE: M. E. 206 AND 212.
           3 HOURS
LECT-DISC C
                                                         M W F
         51288
                                              10
                                                                         236 M F B
        PREREQUISITE: M. E. 212 AND 263.
ME
           3 HOURS
                                            1 - 3
                                                         M W F
M W F
                                    F 1-3
E 1-3
1-3
         51296
                                                                         101 M E B
321 M E L
                                                                        M E LAR
4 F
           5 PRINCIPLES OF CONTROL SYSTEMS.
PREREQUISITE: M. E. 21) OP SENIOR STANDING, OR CONSENT OF
           INSTRUCTOR.
            3 HOURS
        1 HUUNS

51300 LFCT-DISC F 1 M F

51318 LAB L1 9-12 TU

51326 LAB L3 9-12 TH

51334 LAB 01 2-5 TU

51342 LAB 03 2-5 TH
                                                                         218 M E B
362 M E B
362 M E B
362 M E B
362 M E B
```

M E	PRERFQUI	SITE: M. E.		ENTS.			
	3 HOURS 51351	LECT-DISC	4.1	0.10		349 M E B	
	51360	LECT-DISC	C1	10-12	M W F M W F M W F	349 M E B	
	51377	LECT-DISC	(5	10-12	M W F	249 M E B	
	51385	LECT-DISC LECT-DISC	F1	1-3 2-4	M W F	335 M E B 343 M E B	
		0.00				3.3	
M E		ATIVITY IN		ING DESIG	51		
	PREREQUI 3 HOURS	SITE: M. F.	271.				
	51407	LFCT-DISC	R	3-5	TU TH	249 M F B	OFFNER
M F		DING ENGINE					
	PREREQUI		R STANDI	NG IN EN	SINEERING. O	P CONSENT OF	
	3 HAURS						
	51415	LECT-DISC	GM1	3	M F	218 M E R	
M E	290 SEN					1 N F F O 1 N C	
		REPEATED FO			HANICAL FYG	INFERING.	
	51423	CONF	Υ Δ	RR			
M E	291 SEM						
						INFERING, MUST BE	
	O CKEDII	RST SEMESTE	F IIF SEN	TOK TEAK	•		
	51431	CUNF	H	4	М	218 M E B	
M E	293 SPE						
		SITE: SENIOR DEPARTMENT.		NG IN ME	CHANICAL ENG	INEERING, CONSENT	OF
	3 HOURS						
	51440	CONF CONF CONF	Y A	RR			
	51466	CONF	YY	9	M W F	101 WOOD SHOP	
	51474	CONF	22	10	M W F	101 WOODSHOP	
4 F	296 H IN			1 h	ECDING. CON	CENT OF INCIDUCION	
	1 T 1 4 H		SCHILLAR	10 100	REEKING; CON	SENT OF INSTRUCTOR	
	51482	CONF	£ Z A	RR			
		COUPSES	FUR ADV	ANCED UNI	HERGRADUATES	AND GRADUATES	
чг		1540 00000	F1 C11 F1 D	T.M.			
	SAM	LEAR POWER	. 302.	1 40 •			
		SITE: CONSE	NT OF IN	STRUCTER.	,		
		DR 1 UNIT LECT+DISC		9	M w F	203 NEL	
M E	303 OYN	AMICS OF AFI	ROSOLS A	ND HYLRE	501.5.		
	PREREGUI	SITE: SENIO					
		OR 1 UNIT LECT-DISC	٨	D D			MORRISON
	31304	LLC1-D13C	M	N.N.			1011113011
м Е	304 DIR	FCT ENERGY	CHAVERSI	nΝ.			
, ,	PREREQUI	SITE: M. F.	361 OR		F INSTRUCTO	R, MATH. 345.	
		TR 3/4 OR :		DD			500
	11712	LECT-DISC	Д	N.D.			300
M F	305 THE	PMODVNAMICS	DE HICH	VELOCITA	( E1 OF		
m F	PREREQUI	SITE: M. E.	206 UR	211 OF CO	NSENT OF IN	STRUCTOR.	
	3 HOURS,	OR 3/4 OR	1 UNIT				1000
	51521	LECT-DISC		11	M W F	332 M E B	ADDY
M E		USTRIAL HEA			IN FILLED ME	CHANICS AND HEAT	
	TRANSFER		U- ALUATE	0004313	IN TEUTO ME	UNANTES AND DEAT	
	4 HOURS	OR 1 UNIT		1 2	54 L7	2/2 M F D	CLAUSING
	51539	FECT-DISC		1-3	M W	243 M E B	CLAUSING

M E 311 INSTRUMENTATION AND MEASUREMENTS. SAME AS AG. E. 311.

PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE.

3 OR 4 HOURS, OR 3/4 OP 1 UNIT

M W F 135 M E 51547 LECT M W F 135 M E B STROUT 314 LUBRICATION.

PREREQUISITE: UNDERGRADUATE COURSES IN MACHINE DESIGN AND FLUID MECHANICS. 3 HOURS, 1R 3/4 OR 1 UNIT 1555 LECT-DISC 1-3 TU TH 236 M E B RADZ IMOVSKY 323 DESIGN OF THERMAL SYSTEMS. ME PREREQUISITE: M. E. 206, 211 AND 213. 3 HOURS, NR 374 OR 1 UNIT STUDENTS MUST REGISTER IN THE LECTURE AND IN ONE LABORATORY. TU TH 253 M E B STOECKER 51563 LECT R 3 51571 LAB Q 2 STOECKER 51580 TU TH 336 MEB LAB THEORY OF INTERNAL COMBUSTION ENGINES.

PREREQUISITE: UNDEFCRADUATE COUPSE IN INTERNAL COMBUSTION ENGINES OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 TO 1 UNIT
51598 LECT-DISC 8 M W F 204 M E L HULL. SORENSON 51598 PREREQUISITE: M. E. 271, SENIOR STANDING, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 CR 1 UNIT
51601 LECT-DISC A 8-10 M W F 249 M E B ADKINS
51610 LECT-DISC L 9-12 TU TH 249 M E B M E 341 343 DYNAMICS OF MACHINERY. ME PREREQUISITE: M. E. 221 AND SENIOR STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 3/4 OR 1 UNIT 628 LECT-DISC 10 M W F 343 M E 8 STAFF 8 AIR POLLUTION SEMINAR. SAME AS AG. E., C. E., G. E., GEIG., U. P. AND V. M. S. 344. PREREQUISITE: SEMIOR OR GRADUATE STANJING. 2 HOURS OR 1/2 UNIT 51636 LECT-DISC PEARSON 218 M F B MACHINE TOOL SYSTEMS ANALYSIS.

PREREQUISITE: M. E. 186, M. F. 271 OF CUNSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT MF 384 51644 LECT-DISC 9 M W F 235 M E B KIFIN COURSES FER GRADUATES NON-EQUILIBRIUM PROCESSES. PREREJUISITE: M. E. 301, 303, UR CONSENT OF INSTRUCTUR.

1 UNIT
51652 LECT-DISC ARR 51652 LECT-DISC \$00 405 CONVECTIVE HEAT TRANSFER. PREREQUISITE: M. E. 306 OR CONSENT UF INSTRUCTOR. 1 UNIT 3-5 M F 51661 LECT-DISC 236 M E B CHAU M F 07 SELECTED TOPICS IN GAS DYNAMICS.
PREREQUISITE: M. E. 404. 1 UNIT LECT-DISC ARR 51679 CHOW. KORST ME LABORATORY INVESTIGATIONS IN THERMODYNAMICS. PREREQUISITE: ONE-YEAR COURSE IN THERMODYNAMICS, ONE HALF-YEAR COURSE IN POWER LABORATORY.

26

BAIR, STUKEL, MORRISON, SOO

1/2 TO 1 1/2 UNITS 51687 CONF

M F 40) LABORATORY INVESTIGATIONS IN FLUID FLCW, HEAT TRANSFER, AND COMBUSTION PREREQUISITE: COURSES IN THERMODYLAMICS AND FLUID MECHANICS. 1/2 TO 1 1/2 UNITS ARR ADDY, BAIR, CHAO CHOW, CLAUSING HERING, SAVAGE M E 423 THERMAL SYSTEMS.

PREREQUISITE: M. E. 323. 1 UNIT LECT-DISC 10-12 TU TH 336 M E 8 51709 STOECKER 428 INVESTIGATIONS IN THERMAL SYSTEMS. 1/2 TO 1 1/2 UNITS 51717 CONF STOECKER, PEDERSEN, CHATO ME INVESTIGATIONS IN ENVIRONMENTAL CONTROL. PREREZULSITE: TWO SEMESTERS OF POWER LABORATORY OR EQUIVALENT.

1/2 TO 1 1/2 UNITS
51725 CONF ARR CHATD. HERTIG. KONZO. PEDERSEN. STOECKER THEORY OF ROTARY COMPRESSURS. M E PREREQUISITE: M. E. 205, 206, AND 212, OR A. A. E. 211. 1 UNIT 51733 LECT-DISC KORST 438 LABORATORY INVESTIGATIONS IN FOWER MACHINERY.
PREREQUISITE: ONE-YEAR COURSE IN FOWER LABORATORY.
1/2 TO 1 1/2 UNITS M E 51 741 CONF HEBRANK, HULL, MILES, SAVAGE, STROUT 441 MACHINE DESIGN. PREREQUISITE: UNDERGRADUATE COURSE IN DYNAMICS OF MACHINES, ONE YEAR OF MACHINE DESIGN. 1 UNIT 51750 LECT-DISC 10-12 TU TH 344 M F B ADKINS 42 LINKAGE SYNTHESIS. PREMEDUISITE: M. E. 342 OR CONSENT OF INSTRUCTOR. M F 1 UNIT M W F 343 M E B LECT-DISC 1.1 BROGHAMER 448 LABORATORY INVESTIGATIONS IN MACHINE DESIGN. 1/2 TO 1 1/2 UNITS 51776 CONF ARR ADKINS. LARSON BRIGHAMER, OFFNER. RADZ IMOVSKY DEFORMATION AND MECHANICAL PROCESSING OF METALS. PREREQUISITE: M. E. 451 AND MET. F. 408.

459 LABORATORY INVESTIGATIONS IN PRODUCTION.

1/2 TO 1 1/2 UNITS

51797 LAB-DISC ARR BARDES, DOYLE

LEACH, TRIGGER

TURKOVICH

TURKUVICH

1 UNIT 51784

LECT-DISC

ME SEMINAR. REQUIRED OF ALL GRADUATE STUDENTS FACH SEMESTER WITH THE EXCEPTION OF DOCTORAL CANDIDATES WHO HAVE PASSED THEIR PRELIMINARY EXAMINATION.

O CREDIT

51806 DISC 253 M F B MORRISON

ME THESIS RESEARCH.

O TO 4 UNITS \*STUDENTS IN INDUSTRIAL PRODUCTION SHOULD REGISTER IN SECTION IP.

\*STUDENTS IN MACHINE DESIGN SHOULD REGISTER IN SECTION MD.
\*STUDENTS IN THEPMOSYSTEMS SHOULD REGISTER IN SECTION TSC.
\*STUDENTS IN THERMOSYSTEMS SHOULD REGISTER IN SECTION TSY.

51814 CONF \* [ P STAFF CONF \* 4D 51822 ARR STAFF \*TSC 51831 CONF ARR STAFF 51849 CONF \*TSY ARR STAFF 51857 CONF Υ ARR STAFF

### MEDIEVAL CIVILIZATION STUDIES PROGRAM

MAJOR: STUDENTS WHO ELECT MEDIEVAL CIVILIZATION AS A MAJOR MUST COMPLETE THE LOWER DIVISION REQUIPEMENTS OF THE COLLEGE OF LIBERAL APTS AND SCIENCES AND FORTY SEMESTEP HOURS (WHICH SATISFIES BOTH APTS AND SCIENCES AND FORTY SEMESTER HOURS WHICH SATISFIES BUTH MAUJAR AND MINOR REQUIREMENTS) IN COURSES CHOSEN FROM THE FOLLOWING LIST: ARCH. 214; ART 308 OR 309; CLCIV. 301, 302; ENGL. 311; HIST. 301, 302, 303, 304, 305, 333, 345; ITAL. 311, 312; LAT. 104; PHIL. 304; SPCH. 361. OTHER COURSES MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ADVISER; ADVANCED PEADING COURSES IN ANY FOREIGN LANGUAGE OFFERED BY THE UNIVERSITY ARE STRONGLY RECOMMENDED. ADVISER: PRUFESSOR DONALD E. QUELLER. GREGORY HALL.

## METALLURGICAL ENGINEERING

DEPARTMENT OFFICE

201 M M B

3.05 M M 8

## COURSES FOR UNDERGRADUATES

UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*O TO 9 HOURS 51965 CONF ARR

### COURSES FOR ADVANCED UNDERGRADUATES

M W F

MET E 208

PHYSICAL METALLURGY, II. PREKEDUISITES MET. E. 201 AND 203. \*KREDII NOT ALLOWED FOR MET. E. 208 IN ADDITION TO MET. E. 387. \*3 HOURS

51873 LECT-DISC

PHYSICAL METALLURGY LABORATORY, II.

PREREQUISITE: REGISTRATION IN MET. E. 208.

3 HOURS

212 51881 212 M M B 212 M M B LAB Α 9-12 TU TH 51890 LAB 8 2-5 TU TH

MET E 295 METALLURGICAL SEMINAR.

PREREQUISITE: SENIOR STANDING IN METALLURGICAL ENGINEERING.

51903

I HOUR CONE TIL 305 M M B

MET E 299 THESIS.

PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT. 1 TJ 3 HOURS

APP 51911 CONF

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

DESIGN OF ENGINEERING ALLOYS. 306 DESIGN OF ENGINEER OF AND 311.
PREREQUISITE: MET. E. 208 AND 311.
3 HOURS, DR 3/4 OR 1 UNIT
51920 LECT-DISC 10 10 TU TH 305 M M B 3 W 305 M M B MET E 307 CORRISTON OF METALS.

PREREQUISITE: M. E. 234 OR EQUIVALENT.

3 HOURS, JR 3/4 OR 1 UNIT

51938 LECT-DISC 8 M 8 M W F 403 M M B 310 X-PAY METALLOGRAPHY.
PREREQUISITE: PHYCS. 108.
3 HJURS OR 3/4 UNIT
51946 LECT-DISC 11 M H 305 M M B
51954 LAB A 2-5 W 401 M M B
51962 LAB B 9-12 TH 401 M M B MET E 310 METALLURGICAL THERMODYNAMICS. PREREQUISITE: CHEM. 245. 3 HOURS OR 3/4 UNIT LECT-DISC 51971 1 M W F 305 M M B MECHANICAL METALLURGY. MET E 316 PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT 9 M W F 305 M M B 51989 LECT-DISC MET E 318 8 PHYSICS OF METALS.
PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT 51997 LECT-DISC 10 M W F 305 M M B 4 PHYSICAL METALLURGY FOR ENGINEERS.
PPERFOUISITE: CREDIT OR REGISTRATION IN T. A. M. 221, OR A. A. E. 224, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT
52003 LECT-DISC 10 10 M W F 403 M M B 403 M M B MFT E 384 PROPERTIES OF SOLIDS.
SAME AS E. E. 384. PREREQUISITE: PHYCS. 383. 3 HOURS OR 3/4 UNIT 52011 LECT-DISC B 9
52020 LECT-DISC D 11
52038 LECT-DISC G 3 119 119 M M B COURSES FOR GRADUATES OS DISLOCATIONS AND MECHANICAL PROPERTIES OF METALS.
PREREQUISITE: CONSENT OF INSTRUCTOR. MET E 408 1 UNIT LFCT-DISC M W F 305 M M B 52046 O ADVANCED X-RAY METALLOGRAPHY.

PREREQUISITE: CHEM. 427, OR CONSENT OF INSTRUCTOR.

1 UNIT 52054 LECT-DISC AKR MET F 421 KINETICS OF PHASE CHANGES IN METALS. PREREQUISITE: MET. E. 420 OR CONSENT OF INSTRUCTOR. 1 UNIT

403 M M B

52062

LECT-DISC

METALLURGICAL ENGINEERING PREBLEMS. PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS 52071 LECT-DISC ARR

LABORATORY INVESTIGATIONS IN METALLURGY. MET E 486

PREREQUISITE: CONSENT OF INSTRUCTOP. 1/4 OR 1/2 UNIT

52089 LAB

MET E 492 SEMINAR ON SURFACES.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 UR 1/4 UNIT
52797 CONF ARR

EHRLICH

**MET E 493** 

93 SEMINAR ON ANELASTICITY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT

0 OR 1/4 UNIT 52101 CONF A ARR 52119 CONF B ARR 52127 CONF C ARR 52135 CONF D ARR 52143 CONF E ARR 52160 CONF G ARR

WERT MORRAL ROWLAND ALTSTETTER BIRNBAUM LAWRENCE

MET F 494 SEMINAR ON PHASE TRANSFORMATIONS IN METALS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT 52178 CONF 52186 CONF A 4 TU 8 4 305 M M B 52186

WAYMAN LIEBERMAN

MET F 4°5 SEMINAR ON DIFFUSION AND IMPERFECTIONS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT 52194

MET 7 GER

MET F 497 SEMINAR ON ALLOY PHASES.

PREREQUISITE: CONSENT OF INSTRUCTOR.

0 OR 1/4 UNIT 2208 CONF 52208

F 3C5 M M B

BECK

MET E 498 COLLOQUIUM IN PHYSICAL METALLURGY.

REQUIRED TE ALL GRADUATE STUDENTS IN METALLURGICAL ENGINEERING.

O CREDIT

LECT

W 119 M M B

THESIS RESEARCH. MET E 499

n Th 4 UNITS 52224

CONF

AKR

#### MICPOBIOL DGY

DEPARTMENT DIFFICE

131 BUR HALL

MAJOR: BIDLUGY 110-111 AND TWENTY HOURS OF MICROBIOLOGY COURSES MAJER: RISHINGY 110-111 AND TWENTY HOURS OF MICRORIOLOGY COURSES.
INCLUDING MICROBIOLOGY COURSES. IN ADDITION, QUANTITATIVE AND DRIGHNIE CHEMISTRY, MATHEMATICS THROUGH TRIGONOMENTHY AND UNE YEAR OF PHYSICS ARE PEOPLEPED. OPTOTI MUST ALSO HE PRESENTED IN ONE CRURSE TO BE SELECTED FROM CALCULUS, STATISTICS, OR COMPUTER SCIENCE, AND ONE CRUPSE TO BE SELECTED FROM PHYSICAL CHEMISTRY OR ALSOCHEMISTRY.

MINIRS: TWENTY HOURS IN DINE OF TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHUSEN: ASTRONOMY, BIOLOGY, BOTANY, CHEMISIRY, ENTOMOLOGY, MATHEMATICS, PHYSICS, PHY AND ZODLOGY. NO COURSE MAY APPLY TO BOTH THE MAJOR AND THE MINOR.

## COURSES FOR UNDERGEADUATES

WCHIU	100 INTRIDUCT	DRY MICE CBICLOGY.	
	*CREDIT IS NOT	GIVEN FOR BOTH MOBIO.	100 AND MCBID. 200.
	#3 HOURS		

52232 LECT 2 M W F 151 E E B

INTERDUCTORY EXPERIMENTAL MICELETOLOGY.

PREREQUISITE: CREDIT OR REGISTRATION IN MOBIO. 100.

\*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 101 AND MCBIO. 201. MCBIO 101 #2 HOURS 52241 1 48 Δ 242 BUR HALL

10-12 M W 3-5 M W 10-12 TU TH 1-3 TU TH HELM AND ASSISTANTS 52259 LAB В 242 BUR HALL 242 BUR HALL 52767 LAB C 52275 LAB D 242 BUR HALL

#### COURSES FOR ADVANCED UNDERGRADUATES

MCRIO 200

MICROBIOLOGY.

PREPEDIT IS CREDIT OR REGISTRATION IN ORGANIC CHEMISTRY.

\*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 100 AND MCBIO. 200. \*3 HOURS

4 W F 119 M M B WACHSMAN

EXPERIMENTAL MICROBICEUSY. WCRIU SUI

PREREQUISITE: CREDIT OR REGISTRATION IN MOBIO. 100 OR 200 AND IN ORGANIC CHEMISTRY. \*CREDIT IS NOT GIVEN FOR BOTH MUBIC. LOL AND MCBIC. 201.

≠2 HOURS

52291 242 BUR HALL IAB Α 8-10 4 n F 4 w F WACHSMAN. B 242 BUR HALL KRAMER AND 52305 LAB ASSISTANTS

PESEARCH AND SPECIAL PROXIEMS.
PPEREDUISITE: FIFTEEN HOURS OF MICEOPHOLOGY, CONSENT OF INSTRUCTOR.
#STUDENTS MAY ACCUMULATE 10 HOURS.

≠3 TO 5 HTURS.

LAB-DISC ARR. BUR HALL STAFE

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

COMPARATIVE MICROBIAL CHEMISTRY.

PREREQUISITE: CHEM. 350 PR EQUIVALENT.
2 HOURS OR 1/2 UNIT

LECT M W 140 FUR HALL WOLIN

MCRIO 311

FOOD AND INDUSTRIAL MICROBILLECY.

PREREQUISITE: MC81). ICL OR 201 OF 3CO OR EQUIVALENT AND

CREDIT OR REGISTRATION IN ORGANIC CHEMISTRY, OR CONSENT OF

INSTRUCTOR.
3 HOURS OR 3/4 UNIT Y W F 124 PUR HALL JACIAC

TECHNIQUES OF APPLIED MICROBICLOGY. PREREDUISITE: CREDIT OR PEGISTPATION IN MCBIO. 311.
2 HOURS OR 1/2 UNIT ORDAL, HELM LAB 10-12 M W F 202 BUR HALL AND ASSISTANTS MCBIO 327 7 IMMUNOCHEMISTRY. PREPEQUISITE: CREDIT OR REGISTRATION IN BIOCHEMISTRY OF CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT LECT TU TH 140 S 140 M W 202 10 BUR HALL VOSS AND BUR HALL 1 ---BUR HALL 52364 LAB 52372 LAB ASSISTANTS TU TH BUR HALL В METABULIC REGULATION AND GENETICS OF MICRORGANISMS.

PREREQUISITE: MCBIO. 101 OR 201 OF EQUIVALENT, AND CREDIT OR

PREGISTRATION IN BIOCHEMISTRY, OR CONSENT OF INSTRUCTOR. MCHIN 330 3 HOURS OR 3/4 UNIT M W F 140 BUR HALL KONISKY LECT 52381 1.1 31 MICROBIAL PHYSIOLOGY AND ANATOMY.

PREREQUISITE: MCBIO. 200 OR FWUIVALENT AND CHEM. 350 OR EQUIVALENT.

3 HOURS OR 3/4 UNIT 52399 LECT H TU TH S 140 BUR HALL DEMOSS MCRIO 352 VIRUSES, II.

SAME AS BOIL AND ZOOL. 352.

PREREQUISITE: BOT./MCBIO./ZOOL. 351 OR CONSENT OF INSTRUCTOR;
BIOCHFMISTPY AND CALCULUS RECOMMENTED. 3 HOURS OR 3/4 UNIT 52472 M W F 140 BUR HALL BLACK, MACLEJD COURSES FOR GRADUATES MCRIO 402 MOLECULAR GENETICS. SAME AS BIT. AND ZOOL. 402. PREREQUISITE: MCBID. 330 OR EQUIVALENT. 3/4 UNIT чжЕ 52411 231 N H B CARI 2 ADVANCES IN MICK BILLINGY.
PREREQUISITE: CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR A MAXIMUM OF 1 JUIT. #1/4 JNIT 52429 BUR HALL STAFF MC310 419 ANIMAL VIROLOGY. SAME AS V. M. S. 419. PREHEPUISITE: MCBIJ. 326 AND 327 F V. M. S. 331 ANC 332; CHEM. 350 OR 354; CONSENT OF INSTRUCTUR. 3/4 UNIT 52437 LAB-DISC 10-12 M W F ARR MEYER EXPERIMENTAL VIROLOGY AND MICROBIAL GENETICS.

PREREQUISITE: MCRID. 351 AND CONSENT OF INSTRUCTOR. 1 UNIT 1 UNIT \*TAO HOURS TO BE APRANCED. \*3-6 TU TH 246 BUR HALL 52445

90 INDIVIDUAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TJ 2 JNITS
52453 LAB-DISC ARR BUR HALL STAFF

MURIG 495 SEMINAR. PRESEDUISITE: TEN HOURS OF MICROBIOLICY, CONSENT OF INSTURCTIR. O OR 1/4 UNIT 57461 TH 124 BUR HALL STAFF 122

BUR HALL

STAFF

### MICITA-Y SCIENCE

DEPARTMENT OFFICE

11 · ARMORY

# BASIC MILITARY CURRICULUM

ENT-KING MALE STUDENTS AND ARE PHYSICALLY CUALIFIED AND WHO HAVE HERN SELECTED FOR EMPULLMENT MUST, IN ADDITION TO REQUIRED MILITARY SCIENCE COURSES, RESISTED IN FITHER A NATURAL SCIENCE OR STILLE SCIENCE OF TAKE TO THE STUDENTS COLLEGE.

#### COURSES FUR PUDERGRADUATES

MIL S IFO LEADSPOSHIP LANDRATING (FIRST SEMESTER ERESHMEN CNLY).

PREFECTIONS MAY BE REQUIRED.

CHEDIT

ATTENDANCE AT THE SEREMONIES IS REQUIRED.
TIME AND DATE OF SEREMONIES TO BE ANNOUNCED.

#SEUTI	IIN 3 FOR	SPE : IAL	FORCES INLY.			
52+41	LAB	Δ	7 24	TH	171 ARMJRY	STAFF
		Α	7 D A	TH	ARMORY FLOOR	STAFF
F2445	LAR	* B	7 P 🕶	TH	101 ARMORY	STAFF
		<b>‡</b> □	764	TH	ARMERY FLOOR	STAFF

MIL S 1 7 MILITARY MAR AND APPLAL PHOTOGRAPH ANALYSIS.

PROPERTIES CREDIT OF PEGISTRATION IN MIL. S. 101; REGISTRATION

1. MIL. S. 125.

1 HOR

5257 LECT-DISC A 10 M 300 AFMORY

5253	LECT-DISC	Δ	10	V	300	ARMORY	NEAL
52=1 5	LECT-DISC	R	1	W	41€	VOAUSA	NEAL
52526	LECT-DISC	C	9	TU	300	APMORY	VEAL
52524	LECT-DISC	C	4	19	300	YREMAR	NEAL
52042	LECI-DISC	E	10	TH	300	ARMORY	NEAL

MIL S 173 INTRODUCTION TO TACTICS.

PROCESSISTES CRESIT OF PROJECT IN MIL. S. 171; REGISTRATION IN MIL. S. 171; REGISTRATION I HOUSE

[ H ].]-							
52551	LECT-DISC	Δ	11		313	APMORY	OSBURN
52569	LECT-DISC	ц	H	Tij	313	ARMORY	U SB NB A
52577	LECT-DISC	C	7	(re	313	ARMORY	OSBURN
5 2 5 4 5	LECT-DISC	· C	2	TH	313	ARMORY	OSBURN
52593	LECT-DISC	£	9	F	313	ARMORY	OSBURN

MIL S 125 LEADERSHIP LARCRATION (SECTIVE SEARSTER FRESHMEN ONLY).

PURST, JITSITE: APPROVAL OF PROFESSUR OF MILITARY SCIENCE.

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ATTENDANCE AT TWO CEREMONIES IS REQUIRED. TIME AND DATE OF CREMONIES TO BE ANNOUNCED. \*SECTION 3 FOR SPECIAL PURCES "NIV.

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624,07	LAR	Δ	7 P V	TH	101 ARMORY	STAFF
		A	7 P M	TH	APMORY FLUIR	STAFF
52615	LAH	#8	704	TH	101 ARMORY	STAFF
		*B	7 P *4	TH	ARMORY FLOOR	STAFF

D LEADERSHIP LABORATORY (FIRST SEMESTER SOPHOMORES ONLY).
PREREJUISITE: APPROVAL OF PRIFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED. MIL S 150 O CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIPED.

TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.

\*SECTION B FOR SPECIAL FORCES ONLY.

Α 7 P.M TН STAFE LAB 101 ARMORY ARMORY FLOOR 101 ARMORY TH 7 DM ۸ STAFF TH 52631 LAR #B 704 STAFE ARMORY FLOUP ≠B TH

LEADERSHIP LABORATORY (SECUND SEMESTER SUPHUMORES UNLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE. MIL S 175 FIELD TRIPS MAY BE REQUIRED. O CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND CATE OF CEREMONIES IN BE ANNOUNCED.

\*SECTION 3 FOR SPECIAL FORCES ONLY.

TH TH 7 PM 52640 LAB 1C1 ARMORY STAFF 7 PM ASWLEA EFOUS STAFF 7 PM 5265H LAB \* B ТН STAFF TH ARMORY FLOOR \*B 7P4 STAFF

#### ADVANCED MILITARY CURRICULUM

SELECTED MALE STUDENTS WHO HAVE COMPLETED THE BASIC MILITARY COURSE OR ITS EQUIVALENT, AND WHO HAVE SATISFACTURILY PASSED PHYSICAL AND SCREENING EXAMINATIONS MAY APPLY FOR ENPOLLMENT IN THE ADVANCED MILITARY CURRICULUM. EACH ADVANCED MILITARY CURRICULUM STUDENT IS PAID A SUBSISTENCE ALLOWANCE. HE MUST ATTEND ROTC SUMMER TRAINING CAMP BETHEREN HIS FIRST AND SECOND YEAR IN THE ADVANCED PROGRAM. SUCCESSFUL COMPLETION OF THE CURRICULUM BY SELFCTED STUDENTS NORMALLY RESULTS IN A COMMISSION AS A SECOND LIEUTENANT, U. S. ARMY RESERVE. SELECTED STUDENTS MEETING THE PEQUIREMENTS MAY BE COMMISSIONED IN THE PEGULAR ARMY.

STUDENTS ENROLLED IN THE REQUIRED MILITARY SCIENCE COURSES MUST. IN ADDITION, ENROLL IN THE THIRD AND IN THE FOURTH YEAR IN AN APPROVED COURSE OF ANOTHER DELTAR THENT. SELECTION OF THESE COURSES AND BE SELECTED FOR THE ADVISOR AND BE ACCEPTABLE TO THE STUDENTS MAJOR DEPARTMENT.

LEADERSHIP LABORATORY (FIRST SEMESTER JUNIORS ONLY).
PREREDUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIPED. MIL 5 200 CREDIT

ATTENDANCE AT TWO CEREMONIES IS REQUIRED. TIME AND DATE OF CEREMONIES IN BE ANNOUNCED.

\*SECTION B FOR SPECIAL FORCES ONLY.

52666 LAB Д 7 PM TH 101 ARMIRY STAFF TH TH ARMGRY FLOOR 101 ARMGRY Α 7 P.M STAFF 7 PM 52674 \* B STAFF ARMERY FLOOR \* Fl 7 P 4 STAFF

INTRODUCTORY MILITARY OPERATIONS. (FUNDAMENTALS AND DYNAMICS MT1 S 202

OF THE MILITARY TEAM, I).

PPEREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;
REGISTRATION IN MIL. S. 200 OR 225.

3 HOURS

M W F M W F 313 APMORY 313 ARMORY 52682 LECT-DISC Δ 52691 LECT-DISC В 10 52704 LECT-DISC 1 0 52712 LECT-DISC D TU 9-11 D TH 52721 LECT-DISC F 1-3 ΤU

MARK BUCH BUCH YAMA SHITA YAMASHITA YAMASHITA YAMASHITA

MIL S 210 MILITARY LAW AND ADMINISTRATIVE MANAGEMENT.
PRETERBUISTIE: APPROVAL OF PROFESSOR UF MILITARY SCIENCE;
REGISTRATION IN MIL. S. 250 09 275.

1 HOUR

52739 LECT-DISC ARMORY TANNER 313 8 C D E 313 ARMORY 313 ARMORY 313 ARMORY 313 ARMORY 52747 LECT-DISC TU TH\_ 52755 LECT-DISC 10 TANNER 52763 LECT-DISC 11 52771 LECT-DISC TANNER

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	5?798	DISC	8	2	ч	300	AHMOPY	ERNES
		LECT	н	1-7 PM	TU	101	ARMORY	ERNES
	52801	DISC	C	10	TU	3.f.C	APMORY	ERNES
		LECT	C	7-704	TIJ	101	APMIJRY	ERNES
	52810	D1 SC	Ð	1	TU	300	YALMURY	ERNES
		LECT	Ð	7-9PM	TU	191	AKMORY	ERNES
	25555	1180	F	1.1	W	300	APMORY	ERNES
		LECT	Ε	7-9PM	TU	101	YAUMYA	ERNES
	F2436	2150	F	9	F	300	AFM. JRY	ERNES
		LECT	F	7-9 PM	10	1 7 1	ARMIRY	ERNES
911	\$ 225	FADESSHIP	LABURATOR	Y (SECINAL S	EMESTER I	LINIORS	TALV).	
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Alf	brfskf	UISITE: 4P	PO IVAL OF	PRIFFSS P				
wit .	PEERES FTELD	DISITE: 4P	PO IVAL OF	PRIFFSS P				
₩I( ·	brfskf	TELES WAY	PE PEQUIP	PRIFFSS P	F MILITA	RY SCIF		
	PEERES FTELD	UISITE: AP TRIPS MAY IT	PE REJULP DANCE AT	PRIFFSS P	F MILITA	RY SCIF	NCE.	
vII.	PERRE FILLO O (REO	UISITE: AP TRIPS MAY IT	PANCE AT	PRIFFSS P ED. TWO CEREMON OF CE-FMI NI	F MILITA	RY SCIF	NCE.	
MIC.	PERRE FILLO O (REO	UISITE: AP TPIPS MAY IT ATTEN TIME	PANCE AT	PRIFFSS P ED. TWO CEREMON OF CE-FMI NI	F MILITA	QUIRED.	NCE.	STAFF
MIC.	PSERF FIELD CRED	UISITE: AP TPIPS MAY IT ATTEN TIME ON B FOR S	PPIVAL OF PE REQUIP DANCE AT AND DATE PECIAL FO	PRIFFSS R 180. TWO CEREMON OF CE-FM(NI RCFS ONLY. 194	F MILITA	QUIRED. ANN JUNC	ED.	
wit '	P= { = F = F   F   T = F   T	UISITE: AP TPIPS MAY IT ATTEN TIME ON B FOR S LAB	PO IVAL OF RE REJUIP DANCE AT AND DATE PECIAL FO A	PRIFFS R ED. TWO CEREMON OF CE-FMINI RCES ONLY.	F MILITA HES IS RE HES TUBE	QUIRED. ANN JUNC	ED.	STAFF STAFF STAFF
wit '	PSERF FIELD CRED	UISITE: AP TPIPS MAY IT ATTEN TIME ON B FOR S	PPIVAL OF PE REQUIP DANCE AT AND DATE PECIAL FO	PRIFFSS P 180. TWO CEREMON OF CE-FM(NI PRCES ONLY. 7PM 7PM	F MILITA HES IS RE HES TO BE TH TH	QUIRED. ANN JUNC 101 ARMCP 101	ED.  ARMIRY Y FLIOR	STAFF
VII.	P= { = F = F   F   T = F   T	UISITE: AP TPIPS MAY IT ATTEN TIME ON B FOR S LAB	PO IVAL OF PE PEQUIP  DANCE AT AND DATE PECIAL FO A A #8	PRIFFSS P 100. TWO CEREMON OF CE-FM(NI PROFS ONLY. 7PM 7PM 7PM	F MILITA HES IS RE HES TO BE TH TH TH	QUIRED. ANN JUNC 101 ARMCP 101	ED.  ARMIRY Y FLIOR ARMIRY	STAFF STAFF
MIL .	P= { = F = F   F   T = F   T	UISITE: AP TPIPS MAY IT ATTEN TIME ON B FOR S LAB	PO IVAL OF PE PEQUIP  DANCE AT AND DATE PECIAL FO A A #8	PRIFFSS P 100. TWO CEREMON OF CE-FM(NI PROFS ONLY. 7PM 7PM 7PM	F MILITA HES IS RE HES TO BE TH TH TH	QUIRED. ANN JUNC 101 ARMCP 101	ED.  ARMIRY Y FLIOR ARMIRY	STAFF STAFF
	PSECTI 52444 52452	UISITE: AP TRIPS MAY IT ATTEN TIME ON B FOR S LAB	PO TVAL OF PER PERUIP  DANCE AT AND DATE PECIAL FO A A *B *B	PRIFFSS P 100. TWO CEREMON OF CE-FM(NI PROFS ONLY. 7PM 7PM 7PM	F MILITA  ITES IS RE  ITH  ITH  ITH  ITH  ITH	QUIRED. QUIRED. ANN JUNC 101 ARMCP	ED.  ARMIRY Y FLIDR ARMIRY Y FLOOR	STAFF STAFF
	PRE 4F2 PILLO OCREO  *SFCTI 52844 52852	UISITE: AP TPIPS MAY IT ATTEN TIME ON B FOR S LAB	DANCE AT AND DATE PECIAL FO A *B *B	PRIFFSS POOL	F MILITA  ITES IS RE FS TO BE TH TH TH TH	QUIRED. QUIRED. ANN JUNC  101 ARMCP 101 ARMCP	ARMIRY Y FLIOR ARMIRY Y FLIOR	STAFF STAFF
	PRE 4F 2 FT LL 17 T C R F 7 T L 17 T R F 7 T L 17 T	UISITE: AP TPIPS MAY IT ATTEN TIME ON B FOR S LAB	DANCE AT AND DATE PECIAL FO A *B *G  LABORATINE	PRIFFSS P 1800 TWO CEREMON OF CE-FMCAI RCFS ONLY- 7PM 7PM 7PM 7PM 7PM Y (FIRST SE	F MILITA  ITES IS RE FS TO BE TH TH TH TH	QUIRED. QUIRED. ANN JUNC  101 ARMCP 101 ARMCP	ARMIRY Y FLIOR ARMIRY Y FLIOR	STAFF STAFF
	PRE 4F 2 FT LL 17 T C R F 7 T L 17 T R F 7 T L 17 T	DISITE: AP FPIPS MAY  IT  ATTEN TIME ON 8 FOR S LAB  LAB  FABERSHIP: DISITE: AP TEIPS MAY	DANCE AT AND DATE PECIAL FO A *B *G  LABORATINE	PRIFFSS P 1800 TWO CEREMON OF CE-FMCAI RCFS ONLY- 7PM 7PM 7PM 7PM 7PM Y (FIRST SE	F MILITA  ITES IS RE FS TO BE TH TH TH TH	QUIRED. QUIRED. ANN JUNC  101 ARMCP 101 ARMCP	ARMIRY Y FLIOR ARMIRY Y FLIOR	STAFF STAFF
	PRE 2F 2 FILLY 1 (RF) *SECTI 52444 52452 5 250 L PRE 4F 2 FILLY	DISITE: AP TOPPS MAY  IT ATTEN TIME ON B FOR S LAB  EADERSHIP: UISITE: AP TEIPS MAY	DANCE AT AND DATE PECIAL FO A A *B *C	PRIFFSS P 1800 TWO CEREMON OF CE-FMCAI RCFS ONLY- 7PM 7PM 7PM 7PM 7PM Y (FIRST SE	F MILITA  HES IS RE FS TO BE  TH	QUIRED. ANN JUNC  101 ARMCP 101 ARMCP NIOS L	ARMIRY Y FLIOR ARMIRY Y FLIOR	STAFF STAFF
	PRE 2F 2 FILLY 1 (RF) *SECTI 52444 52452 5 250 L PRE 4F 2 FILLY	DISITE: AP TPIPS MAY  IT  ATTEN TIME ON B FOR S LAB  LAB  FADERSHIP: UISITE: AP TEIPS MAY  IT  ATTEN  ATTEN	DANCE AT AND DATE PECIAL FO A *B  LARGEATINE PREVAL DE BE REQUIR DANCE AT	PRIFFSS P WEU. THO CEREMON OF CLEEMINI IRCES ONLY. 7PM 7PM 7PM 7PM Y (FIRST SE PROFFESSCHED.	F MILITA  HES IS RE HES TO BE  TH	QUIRED. ANN JUNC  191 ARMCP 101 ARMCP VIOS L RY SCIE	ARMIRY Y FLIOR ARMIRY Y FLUOR Y FLUOR Y FLUOR	STAFF STAFF
	\$ 250 L Q Q R F L L L L L L L L L L L L L L L L L L	DISITE: AP TPIPS MAY  IT  ATTEN TIME ON B FOR S LAB  LAB  FADERSHIP: UISITE: AP TEIPS MAY  IT  ATTEN  ATTEN	PANCE AT AND DATE A B B B B B B B B B B B B B B B B B B	PRIFESS P TWO CEREMON TWO CEREMON TWO CEREMON TRUE TPM TPM TPM TPM TPM TPM TPM TPM	F MILITA  HES IS RE HES TO BE  TH	QUIRED. ANN DUNC  101 ARMCP 101 ARMCP VIOLERY SCIE  QUIRED. ANN DUNC	ED.  ARMORY Y FLOOR ARMORY Y FLOOR NUE.	STAFF STAFF STAFF
	\$ 250 L Q Q R F L L L L L L L L L L L L L L L L L L	DISITE: AP TPIPS MAY  IT ATTEN TIME ON B FOR S LAW  LAB  FADERSHIP I UISITE: AP TRIPS MAY  IT ATTEN TIME TIME	PANCE AT AND DATE A B B B B B B B B B B B B B B B B B B	PRIFESS P TWO CEREMON TWO CEREMON TWO CEREMON TRUE TPM TPM TPM TPM TPM TPM TPM TPM	F MILITA  HES IS RE HES TO BE  TH	QUIRED. ANN DUNC  101 ARMCP 101 ARMCP VIOLERY SCIE  QUIRED. ANN DUNC	ARMIRY Y FLIOR ARMIRY Y FLUOR Y FLUOR Y FLUOR	STAFF STAFF
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MIL S	275	LEADER	SHIP LA	BURATIRY	I SECTION SEMI	ESTER SEN	I RS UNLY).
	DEF.	SL JAIRI.	TE: APPR	HOVAL OF	PROFESSI'R OF	MIL ITARY	SCIENCE.
	F18	L) TRIPS	S MAY ME	PENUI2E	D.		
	20	REDIT					
			ATTENDA	"ICE AT T	WU CEPEMONIE	S IS PE 20	IRED.

ATTENDATICE AT TWO COPEMONIFS IS PERMITED.

TIME AND DATE FLEREMINIES TO BE ANNUUNCED.

\*SECTION 3-FOR SPECIAL FUNCES UNLY.

57887 LAB A 7PM TH 101 ARMORY FLOOP STAFF

57895 LAB \*B 7-PM TH 101 ARMORY STAFF

\$6 7-PM TH 101 ARMORY STAFF

\$7.50 TH 101 ARMORY FLOOR STAFF

# MINING ENGINFERING

DEPARTMENT OFFICE

211 M M B

# COURSES FOR UNDERGRADUATES

MIN E 199 UNDERGRADUATE UPEN SEMINAR.

\*MAY 3E PEPEATED.

\*ON T ) 9 HJURS

52909 CUNE ARR

COURSES FIR ADVANCED UNDERGRADUATES AND SHADUATES

MIN F ROP WIRE ALL FOUNTAICS.

PRESCRIBETE: SENTER STANDING.

3 HOURS, OF 374 OF 1 UNIT

52917 LECT-DISC 1

Y W F 4CC E H

MIN F 351 GEOPHYSICAL PROSPECTING.
SAME AS GEOL. 351.
PREKEVULSTIE: SENIOR STANLING IN ENGINEERING OR GEOLIGY, OR CONSENT
OF INSTRUCTOR.

PREREQUISITE: MIN. F. 351.
REPEREQUISITE: MIN. F. 351.
REPEREQUISITE: MIN. F. 351.
REPEREQUISITE: MIN. F. 351.
RECT-DISC II MIN. F. APR

MIN E 393 SPECIAL PROBLEMS.

PREREQUISITE: CONSENT OF INSTRUCTOR.

10 4 HOURS, OF 0 TO 1 UNIT

52941 CUMF APP

CHURSES FER SEATUATES

MIN E 497 SPECIAL PROBLEMS.

PPERFOULSTIE: CONSENT OF INSTRUCT P.

DISC

1 TO 2 UNITS 52950

2 M N F ARR

MIN E 499 THESIS FESEARCH.
10 4 UNITS

52 763 CONF

# MODERN GREEK

DEPARTMENT DEFICE

339H D H

#### COURSES FUR ADVANCED UNDERGRADUATES

? FLEMENTARY MODERN GREEK, 11. ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK M CKK 202 IN THE LANGUAGE LABORAT DRY. 5 HIURS

THEN TO FRESHMEN.

5 PM MTUW 113 D H 6-73 CPM TH 113 D H 1 MTUWTHF 216 L H 52976 LECT-DISC 5 24 52984 LECT-DISC B

NACHMIDES

204 INTERMEDIATE MODERN GREEK, II.
ALL STUDENTS ARE PROUISED TO REGISTER FOR ONE HOURS WORK PER WEEK
IN THE LANGUAGE LABORATORY. M (,RK 274 PREREDUISITE: M. GEK. 203 OF EDUIVALENT.

5 HOURS

TPF , IT FRESHMEN .

52992 LECT-DISC

9 M WIH 429 LIB 9-11 TU 429 LIB

PAPANIKOLAGU

PAPANIKOLADU

## MODERN HEBREW

DEPARTMENT OFFICE

30.9H D H

#### COURSES FOR ADVANCED UNDERGRADUATES

ELEMENTARY MODERN HEBREW, 11.

PREREJUISITE: M. HBR. 201.

5 HOURS

STUDENTS MUST REGISTER FOR ONE LECTUPE, ONE DISCUSSION AND ONE LAB.

OPEN TO ERESHMEN.

53009 LECT 10 432 ARMORY BOLOZKY 432 ARMORY
430 APMORY
432 ARMORY
432 ARMORY 9-11 TU TH 3-5 TU TH 53017 2150 Λ STAFF 53725 3-5 STAFF 2150 В 3-5 53033 21 S.C. STAFE

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

M H3F 304 INTERMEDIATE MODERN HEBREW, II.

ALL STUDENTS ARE REQUIPED TO REGISTER FOR ONE HOUR OF WORK
PER MEEK IN THE LANGUAGE LABORATORY.
PREREQUISITE: M. HBR. 303 OR EQUIVALENT.

5 HOURS OF 1 UNIT OPEN TO FRESHMEN.

53041 LECT-DISC

103 N L STAFF TU 103 N L STAFF TH

6 ADVANCED MODERN HEBREW, II.
PRERFOUTSITE: M. HAP. 305 OR EQUIVALENT.
5 HOURS OR 1 UNIT
OPEN TO FRESHMEN.

3-5 M W 300 N L 9 TH 312 D H 53050 LECT-DISC BOLDZKY STAFF

9 ADVANCED MODERN HERREW, IV.
PREREJISITE: M. HBR. 307 OR CINSENT OF INSTRUCTOR.
5 HOURS OR I UNIT
33068 LECT-DISC ARR

BOLD ZKY

100 S M H

# COURSES FOR UNDERGRADUATES

MUSIC	100 RUD	IMENTS OF 1	HEORY										
	2 HJURS 53075 53084 53092												
	53075	LECT-DISC	Α	8		М	W	F	106	S	M H		MADDEN
	53084	LFC1-015C	6	1.1		М	W 1	c	106	2	M H		MORGEN SARGENT
	23045	CFC1-DISC	C	11		per	94 I	-	1 10	2	IN ES		SARGENI
MUSIC	101 THE	ORY OF MUSI	C. I.										
		SITE: FOR N	ON-MU	SIC STUDE	NTS,	MU	SIC	10	O DR E	QU I	VAL	ENT.	
	3 HUURS												
	DITICOA	NAL CNE-HAL	F HOU	R LA3 SES	SION	S _ T	() B	E A	RR ANGE	D D	)AIL	( ·	
	53136	LECT-DISC	A	*8		MTU	MTH	F	8	5	Α		0.4004
	53114	LECI-DISC	В	#9		чіО	)W I H I	-	1 13	2	мн		DARLY
MUSTC	102 THE	ORY DE MUST	C. II										
		SITE: MUSIC											
	3 HOURS												
	53122	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	Λ	R		M	W 1	F	103	S	M H		COLSON
	53131	LECT-DISC	В	9		M	W !	F	100	S	Н		BRIJCE
	53149	LECT-DISC	C	10		(+)	W 1	F	8	S	Α		BLATTER
	53157	LECT-DISC	D	1		М	W E	-	8	S	Α		BROOKS
	53165	LFCI-DISC	t	2		74 14	W 1	r	103	5	M H		GOODKIN
	53173	TECT-0120	r C	3		M M	W 8	r c	106	3	M H	NEW	GUIDKIN
	22101	LFC1=713C	O	0			n		1.94	1 6		NE V	25 KUN
MUSIC	103 THE	DRY OF MUSI	C. II	Ι.									
	PREKEQUI	SITE: MUSIC	102.										
	3 HOURS												
	53190	LECT-DISC	Д	9		М	W	F	8	S	Д		BROOKS
	53203	LECT-DISC	В	3		М	W F	F	103	S	м н		BROOKS
MILSTO	104 THE	ORY OF MUSE	c. tv										
10310	PREBEDIT	SITE: MUSIC	103.	•									
	3 110110.5												
	53211	LECT-DISC	Α	Я		М	W f	F	102	S	н		DUCKWORTH
	53220	LECT-DISC	8	9		M	W F	F	102	S	Н		BLATTER
	53238	LECT-DISC	C	10		м	W I	F	192	S	Н		NEWELL
	53246	LECT-DISC	D	1		M	VI F	=	100	S	H		MORGAN
	53254	LECT-DISC	E	2		М	W I	F	100	S	Н		DUCKWORTH BLATTER NEWELL MORGAN NEWELL
	53262	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	F	3		М	W f	F	102 102 102 100 100	S	Д		EBERHARD
MUSTO	106 COM	POSITION.											
	PREREQUI:		ED TO	STUDENTS	EN.	слм	Pn s i	TE	ON MA.I	ΠR	CURE	ETCHLUM	
		NT OF COMPO									0 0		
	53271	CONF	Α	ARR					201	Ţ	Д		BINKERD
	53289	CONF	В	APR					305 200 203	S	H		POWELL
	53297	CONF	C	ARR					500	T	A		KELLY
	53301	CONF	D	ARR									FREDRICKSON
	2 HOURS 53271 53289 53297 53301 53319 53327 53335	CONF	E	ARR					202	-	Д		JOHNSTON
	53336	CONF	6	AHA					302 303	2	н		BRUN ZONN
	23337	CONF	G	ART					3// 2	3	п		Z UNIN
MUSIC	107 EAR	TRAINING.	SIGHT	SINGING,	AND	ΚE	YBO	ARD	HARMO	NY,	. 1		
	PREREQUI	SITE: MUSIC	101.										
	1 HOUR												
	53343	LAB-DISC	A	8		TU	TH		103	S	мн		COLSON
	53351	LAB-DISC	В	9		TU	TH		100	5	Н		BRUCE
	53370	LAB-DISC	C	10		711	TH		8	2	A.		BLATIER
	53386	LAB-DISC	F	2		TIL	TH		103	2	M H		MADDEN BROOKS
	53394	LAB-DISC	F	3		TII	TH		106	5	MH		COLSON BRUCE BLATTER BROOKS MADDEN GOODKIN SEKON
	53343 53351 53360 53378 53386 53394 53408	LAB-DISC	G	8		TU	TH		104	12	03 W	NEV	SEKON
		_											
MUSIC	108 EAR				ANU	KE	YBC/	ARD	HARMO	NΥ,	11.		
	PREREQUI:	SITE: MUSIC	107.										
	1 HOUR	LAB-DISC	٨	0		THE	TAI		0	c	٨		BROOKS
	53424	LAB-DISC LAB-DISC	B	3		TU	111		103	2	M H		BROOKS
				-		, 0			100	5			

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MUSIC 109 EAR TRAINING, SIGHT SINGING AND KEYPOARD HARMONY, 111.
PREPEDUISITE: MUSIC 108.
              1 H 1118
            53432
                                                                           TU TH
TU TH
TU TH
TU TH
TU TH
TU TH
                                                                                            102 S H
102 S H
102 S H
100 S H
100 S H
8 S A
                             1210-641
                                                             3
                                                                                                                            DUCKWORTH
                                            A 9 C LJ 0 1 E 2 5 3
                            LAR-DISC
            53441
                                                                                                                             BLATTER
                                                                                                                            NEWELL
                            LAB-DISC
            53450
            53467
                             LAB-DISC
                                                                                                                             MORGAN
           53475
53483
                             LAB-DISC
                                                                                                                             NEWELL
                            LAB-DISC
                                                                                                                             EBERHARD
MUSIC 117 BASIC MUSIC LITERATURE.
            REWITKED IF FRESHMEN IN MUSIC.
               2 HOURS
               STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.
                                                            12 4 H 124 1203 W NEV BYRNSIDE
7PM TO TH 10C S H
9 4 W 116 1203 W NEV
            53491 LECT 12
53505 JULZ A 7P
53513 JULY B 8
            53513
                             31117
                     INTRIDUCTION TO OPERA.
            PREREQUISITE: SCPHIMARE STANDING.
               2 HOURS
                                                      2
            53521
                            LECT-DISC A
                                                                                            25 S M H
                                                                                                                            ZIRNER
          123 THE THEORY AND HISTORY OF MUSIC. IV. PREREQUISITE: MUSIC 122 AND CONSENT OF INSTRUCTOR.
              6 HOURS
                                                         1-3 YTUWTHE 106 S M H
           5353(
                           LECT-DISC A
                                                                                                                           BRUCE,
                                                                                                                             I. THOMAS,
MUSIC 137
                      INTRODUCTION TO THE ART OF MUSIC. I.
             FOR NON-MUSIC STUDENTS PALY.
              4 HD.12 C
               STUDENTS IN LECTURE AT MUST REGISTER FOR ONE QUIZ, A THRU E.
              STUDENTS IN LECTURE BI MUST REGISTER FOR ONE QUIZ, F THRU I.
           $1906\text{YS IN LECTURE BI MUST REGISTER FOR ONE QUIZ, F THRU I.}

53568 LECT BI 2 M W F 25 S M H

53556 QUIZ A 4 M W 103 S M H

53572 QUIZ B 4 TU TH 103 S M H

535772 QUIZ C 2 M W 102 S H

53581 QUIZ D 12 M W 104 I203 NEV

53581 QUIZ E 12 TU TH 104 I203 W NEV

53611 QUIZ F 7PM M W 100 S H

53629 QUIZ G 7PM TU TH 102 S H

53637 QUIZ H 11 M W 103 S M H

53645 QUIZ I 11 TU TH 104 1203 W NEV
                                                                                                                           BYRNSIDE
                                                                                                                           HOCK
MUSIC 131
                     INTRODUCTION TO THE ART OF MUSIC. II.
            FOR NON-MUSIC STUDENTS UNLY.
PREREQUISITE: MUSIC 130.
           4 HOURS
NOTE: STUDENTS IN LECTURE A1 MUST REGISTER IN ONE QUIZ, A THRU D;
THOSE IN LECTURE B1 MUST REGISTER IN JNE QUIZ, E THRU H,
536F3 LECT A1 9 M W F 25 S M H
5370C LECT B1 4 M W F 25 S M H
53661 QUIZ A 7PM W 104 1203 W NEV
5367C JUIZ B 7PM TU TH 104 1203 W NEV
53688 JUIZ C 11 M H 116 1203 W NEV
53688 JUIZ C 11 TU TH 16 1203 W NEV
53696 JUIZ D 11 TU TH 16 1203 W NEV
53718 JUIZ F 8PM M W 124 1203 W NEV
53726 QUIZ F 12 TU TH 106 S M H
53734 JUIZ G 12 TU TH 106 S M H
53742 QUIZ H 9PM TU TH 104 1293 W NEV
              4 HOURS
                                                                                                                             MVSU
                                                                                                                             WARD
                   AFRO-AMERICAN MUSIC.
           PREREQUISITE: MUSIC 130 OR CONSENT OF INSTRUCTOR.
           3 HOURS.
53751 LECT-DISC A 11 M W F 194 1203 W NEV HOCK
MUSIC 142 ELEMENTS OF CONDUCTING.

PREREQUISITE: SOPHOMORE STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
               2 HOURS
           2 HOURS
53769 LFCT-DISC A 9 M W F 167 BAND DUKER
53777 LECT-DISC B 2 M W F DROH RHSSL KRAN PAINTER
53785 LECT-DISC C 10 M W F 116 1203 W NEV BERGETHON
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9 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
  MUSIC 179
              #O TT 9 HOURS
               TOPICS: SECTION A: WEST AFRICAN DEUMMING; CREDIT I HOUR.
               TOPICS: SECTION A: WEST APPLICATION OF THE BURS.
SECTION B: AFRO-AMERICAN MUSIC: CREDIT 3 HOURS.
                                                                                                      AMO AKU
                                     COURSES FOR ADVANCED UNDERGRADUATES
           PRESERVISITE: SENIOR STANDING IN MUSIC.
           OI INSTRUMENTATION, II.

PEDWIRED OF COMPOSITION MADDRS.

PREREQUISITE: MUSIC 200 OR CONSENT OF INSTRUCTOR.
  MUSIC 201
              2 HIJRS
           53823
                                        A ARR
                         CONF
                                                                                                            COMPOSITION
                                                                                                             FACULTY
             THE HISTORY OF MUSIC, II.

REQUIRED OF SIPHOMORES IN MUSIC.

PREREDUISITE: MUSIC 213.
 MUSIC 214
              3 HAUKS
             STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.
           $3831 LECT 1 M F 25 S M H 53840 QUIZ 4 4 M W 106 S M H 53458 QUIZ 6 7PM W 106 S M H 53456 QUIZ C 7PM W 106 S M H 53454 QUIZ 0 7PM TUTH 106 S M H 53474 QUIZ 0 7PM TUTH 106 S M H
                                                                                                            MACDONALD
 MUSTC 229
                   THESIS AND ADVANCED UNDERGRADUATE HENDRS IN MUSIC.
             OFFRE DUSTIES : SEVENCE STANDING IN THE HISTORY OF MUSIC OR COMPOSITION-THEORY, OR CONSENT OF INSTRUCTOR.
             2 47 185
             *HONORS SECTION.
                        CONF
          53382
                                       Д
                                                ARR
                                                                                                             KELLY, KELLMAN
                                                                                                             AND STAFF
           53491
                        CONF
                                       # £ B
                                                ARP
           CHORAL LITERATURE AND CONDUCTING, I. PREREQUISITE: MUSIC 142.
             2 HIJUPS
           53904
                        LAB-DISC A 1) M M F CHOS RHRSL KPAN OLSON
A 11 M F CHOS RHRSL KRAN
             CHORAL LITERATURE AND CONDUCTING, II. PREREDUISITE: MUSIC 230.
MUSIC 231
             2 HOURS
          53912
                                                             M W F A ENSEMBLE KRAN
M F CHOS RHRSL KRAN
M N F B ENSEMBLE KRAN
M F CHOS RHSSL KRAN
                         LAR-DISC
                                       Δ
                                                                                                           J. SMITH
                                                  11
                                        Α
          53921 LAB-DISC
                                       B
                                                                                                           WILSON
                                                    11
MUSIC 233
                   INSTRUMENTAL LITERATURE AND CONDUCTING, II.
          PREREQUISITE: MUSIC 142.
            2 HOURS
                       LAB-DISC A 10 M W 5 S M H
A 10 TU THF 167 BAND
          53939
                                                                                                          PAINTER
MUSIC 240 MUSIC FOR ELEMENTARY TEACHERS, I.

PREREQUISITE: JUNTOR STANDING IN FLEMENTARY EDUCATION OR CONSENT
OF INSTRUCTOR. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE
AUT (1) CREDIT SPANTED IN SCHOOL OF MUSIC.
            3 HOURS
STODENTS MUST REGISTER FOR ONE LECTIFE AND ONE QUIZ SECTION.
NOTE: LECTURE AL DEALS WITH PRESCHOOL-PRIMARY MUSIC; STUDENTS MUST
REGISTER FOR QUIZ A OP B. LECTIFE PL DEALS WITH INTERMEDIATE GRADE
MUSIC; STUDENTS MUST REGISTER FOR QUIZ C.
1H S M H
1947 LECT AL 12 IH S M H
          R. F. 745
                                                                W N 102 S H
TU TH 100 S H
TU TH 102 S H
                                                                                      SMH
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NUSIC FOR ELEMENTARY TEACHERS, II.

PRESEDUISITF: MUSIC 240. REQUIREL FOR STATE ELEMENTARY SCHOOL
CERTIFICATE BUT NO CREDIT GRANTFO IN SCHOOL OF MUSIC.
                        3 HOURS
                       STUDENTS MUST REGISTER FOR ONE LECTURE AND ONE QUIZ SECTION.
NOTE: LECTURE AT DEALS WITH PRESHCOOL-PRIMARY MUSIC; STUDENTS MUST
                       REGISTER FOR ONE DUIZ FROM SECTIONS C. D. F. G. DR H.
                                                                                                                                                           LECTURE B1
                        DEALS WITH INTERMEDIATE GRADE MUSIC; STUDENTS MUST REGISTER FOR
                       THE GULZ FROM SECTIONS A. B TK F.
                                           LECT
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                   54055
                                           LFCT
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                   54712
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                   54780
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                   54039
                                                                                                                    TU TH
                                                                                                                    TU TH
                                             DUIZ
                                                                                           1.1
                                                                                                                   TU TH
                   54098
                                            QUIZ
                      TEACHING MUSIC IN THE ELEMENTARY SCHOOL.

PROREDUISITE: JUNIOR STANDING IN MUSIC EDUCATION OF CONSENT OF
MUSTC 242
                       INSTRUCTOR .
                        3 HOURS
                   54101
                                     LECT-DISC A 2 M W F 104 1203 W NEV
                                                                                                                                                                                          R. THOMAS
 MUSIC 243 TEACHING MUSIC IN THE JUNIOR HIGH SCHOOL.

PREPEDDISITE: JUNIOR STANDING IN MUSIC EDUCATION OF CONSENT OF
                       INSTRUCTOR.
                        3 HIURS
                       #NOTE: ONE ADDITIONAL HOUR TO BE ARRANGED.
                                    LFCT-DISC A #2 M W
                                                                                                                                  116 1203 W NEV
                                                                                                                                                                                            LEGNHARD
                      4 TEACHING OF INSTRUMENTAL MUSIC.
PPEREQUISITE: CONSENT OF INSTRUCTOR.
                      2 HOURS

*SECTION 4-FOR THE INSTRUMENTAL EMPHASTS PROGRAM.

*SECTION 8-FOR THE CHERAL EMPHASIS PROGRAM.

**ALLL NOT WEET OUPING THE SIX-*EEK STUDENT TEACHING PERIOD.

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**ALL NOT WEET OUPING THE SIX-*EEK STUDENT TEACHING THE SIX-*EEK STUDE
                  54125
                                                                                                                                                                                             PETERS
                 54135
                                                                                                                                                                                         PETERS
 MUSIC 245
                                CHURAL APRANGING.
                    PREREQUISITE: JUNITY STANDING IN MUSIC .
                      2 H 13°S
4144 LECT-31SC A 1 TU TH 116 1233 W NEV
                   54144
                                                                                                                                                                                         PEXTON
MUSIC 246 TEACHING OF CHORAL MUSIC.

PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF
                       INSTRUCTOR.
                        2 HIJJKS
                        WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
                                         LAB-DISC A 3 MIUWTHE 25 S.M.H
A 11 M F CH3S RHRSL KRAN
LAB-DISC B 3 MIUWTHE 104 1203 W NEV
B 11 M F CH0S RHRSL KRAN
                  54152
                                                                                                                                                                                            GONZO
                 64161
                                                                                                                                                                                            SPENCE
                                                  COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
                    PREREVUISITE: MUSIC 300 AND/OR CONSENT OF INSTRUCTOR.
                       3 HOURS OR 1/2 UNIT
                  54179 LECT-DISC 8
54187 LECT-DISC 6
54195 LECT-DISC C
                                                                                                               M W F M W F
                                                                                                                                           104 1203 W NEV
                                                                                                                                                                                           HUNTER
                                                                                                                                               8 S A
16 1203 W NEV
                                                                                                                                                                                            KELLY
                                                                                            2
                                                                                                                                           116
                                                                                                                                                                                           NEWELL
 MUSICAL ACOUSTICS, I.

MERERGUISITE: COMMENT OF INSTRUCTOR.

PHOURS OR 1/2 UN. 1

ACOUSTIC 1
                                                                                                                                                                                          BEAUCHAMP
                                                                                                                                       102 S H
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MUSIC 304 CUNTEMPORARY CUMPOSITI INAL TECHNIQUES. PREREQUISITE: MUSIC 104, 106, 139, OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT \*SECTION A: COMPOSITION FOR DANCE.
\*SECTION 3: COMPOSITION WITH COMPUTER. \*SECTION C: COMPOSITION FOR JAZZ GROUPS. 206 T A 1 S H BR-1SCH BRUN POWELL 54233 COMPOSITION.

PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM
OR CONSENT OF COMPOSITION FACULTY.
2 TO 4 HUJRS, OR 1/2 UK 1 UKIT

ALD
221 T A MUSIC 306 Λ CONF CONF CONF CONF CONF CONF CONF BINKERU 305 S H 54250 B ARR POWELL SH 54268 AUU KELLY T Δ EREDE LOKSON 54276 1) ADD 54284 E ADD T A JOHNSTON 54292 54306 ALD 372 SH BRIIN ARE 303 7 ONN MUSIC 307 COUNTERPOINT OF THE FIFTEENTH AND SIXTEENTH CENTURIES, 1. PREREQUISITE: JUNIOR STANDING IN MUSIC, OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT LECT-DISC A STAKERD ANALYSIS OF MUSICAL FORM. PREREQUISITE: MUSIC 104 AND 119, OF CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT 1 M W F 103 S M H LECT-DISC A THE MUSIC IN THE RENALSSANCE.

PRESEQUISITE: MUSIC 131 OR 214 ON CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT MUSTC 311 AT 7-) PM TUFSONY, REUM 25 SMITH MEMINIAL HALL.

331 LECT-DISC A #10 M W F 166 S M H 1C6 S M H WARD 54331 MUSIC OF THE EIGHTEFNTH CENTURY.
PREREQUISITE: MUSIC 131 OR 214, OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT STATE ADDITIONAL THOURS MAY BE ARRANGED IN THE LISTENING LABORATORY AT 7-9 PM THURSDRY, KIDM 25 SMITH MEMBERIAL HALL. 54347 15 MUSIC OF THE TWENTIETH CENTURY.
PREREJUISITE: MUSIC 131 OF 214, DR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT
54357 LECT-DISC A 10 M W F 25 S M H 54357 25 S M H MACDGNALD MUSIC 316 INTRADUCTION TO MUSIC OF THE WOSED'S CULTURES. SAME AS ANTH. 316.
FOR STUDENTS OUTSIDE THE SCHOOL OF MUSIC. PREREQUISITE: ANTH. 103 OF CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT 54365 LECT-DISC Δ } M W F 104 1203 W NEV NE TTI MUSIC 317 AREA STUDIES IN ETHNIMUSICOLUGY. AREA STUDIES IN ETHNOMOSICULOSY.

SAME AS ANTH. 315.

PREFEQUISITE: SENIOR STANDING IN MUSIC OP CONSENT OF INSTRUCTOR.

\*STUDENTS MAY ACCUMULATE 12 HOJP, OR 2 UNITS \*3 HILLS IF 1/2 UNIT TOPIC: LATIN-AMERICAN FOLK MUSIC. LECT-DISC A M W F 101 H A MUSIC 319 HISTORY OF PERFORMANCE PRACTICES, II.

PREREQUISITE: SENIOR STANDING IN MUSIC THEORY AND MUSIC HISTORY OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT

LECT-DISC A 1 TO TH 103 S M H HUNTER

54381

APPLIED MUSIC PERAGOGY. PREREQUISITE: JUNTOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE 4 HOURS, OR I UNIT #PHOURS TRIZE UNIT
SCETTION A IS FOR PLAND MAJORS. SECTION B IS FOR STRING MAJORS
SECTION C IS FOR VOICE MAJORS.

54390 LAB-DISC A 10-12 F 5 P A
54403 LAB-DISC B 4-6 IH 202 S A #? HOURS DR 1/2 UNIT SECTION B IS FOR STRING MAJORS. BERENSON, LYKE MILLER STRING FACULT'S 200A S M H 54411 LAB-DISC C TH BURDETTE AND VOICE FACULTY THE MUSIC OF AMERICA, 11.

PRESENTITE: SENTIPE STANDING IN MUSIC OF CONSENT OF INSTRUCTOR.

R HOURS OR 1/2 UNIT

54420 LECT-DISC A 11 M W F 271 H A MUSTC 335 BEHAGUE TESTS AND MEASUREMENT IN MUSIC EDUCATION.

PERSEQUISTIE: CONSENT OF INSTRUCTOR.

2 UR 4 HOURS, UR 1/2 OR 1 UNIT

54438 LECT-DISC A 3 TU TH 116 1203 W NEV MUSTE 343 COLWELL PREREJUISITE: MUSIC 300 OR CONSENT OF INSTRUCTOR. 2 HOURS OR 1/2 UNIT 2 M W 101 H A 54446 LECT-DISC A CARTER AURKSHOP IN MUSIC FRUCATION. PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC ELUCATION OR CONSENT OF I'STRUCTOR. \*STUDENTS MAY ACCUMULATE THE UNITS.

\*2 JR 4 HIURS, OR 1/2 OF 1 UNIT
SECTION A TUPIC: FLEMENTARY AND JUNIOR HIGH INSTRUMENTAL MUSIC. SECTION 8 TOPIC: MUSIC IN THE FLEMENTARY SHOOD.

4544 LA3-DISC A 3 MIUWIHF 5 S M H PETERSON 54656 CHURSES FUR GRADUATES COMPOSITION. 1/2 TO 1 1/2 UNITS TO 1 1/2 UNITS

 CONF A ARR

 CONF B ARR

 CONF C APR

 CONF D ARR

 CONF E ARR

 CONF G ARR 54467 201 T A 200 T A 203 T A 202 T A 302 S H 303 S H 205 T A BINKERD 54471 KELLY FREDRICKSON 54489 JOHNSTON BRIIN ZONN 54519 54527 POWELL MUSIC 413 HISTORY OF MUSICAL AESTHETICS, II. PREREQUISITE: MUSIC 412. 1/2 OR 1 JNIT 54535 LECT-DISC A 9-12 TH 101 H A RINGER 15 NOTATION, II.

PREREOUISITE: MUSIC 414 DE CUNSENT OF INSTRUCTOR.
1/2 UNIT 201 H A 3-5 I. THOMAS LECT-DISC A SEMINAR IN MUSICOLOGY. PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY AND MUSIC 321 DR CONSENT OF INSTRUCTOR. 1 UNIT 54551 LECT-01SC A 2-5 TU 201 H A 54560 LECT-01SC B 2-5 M 201 H A NETTL KELLMAN ADVANCED ORCHESTRA CHNUNCTING AND LITERATURE. PREREQUISITE: PREVIOUS CONDUCTING EXPERIENCE.

1 UNIT
54578 LECT-DISC A 11 W F 100 S H GOUDMAN

ADVANCED CHORAL LITERATURE AND CONDUCTING.

PRERFOUISITE: GRADUATE STANDING IN MUSIC, MUSIC 432 OR EQUIVALENT,

AR CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC A 1-3 TO TH CHOS RHASE KRAN ARMSTRONG 54586 Λ MUSIC 434 PIAND LITERATURE. PTANS CHERATORE.

PREME DUISTITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC
EDUCATION, OR CONSENT OF INSTRUCTOR.

\*STUDENTS MAY ACCUMULATE TWO UNITS. \*1 UNIT 54594 LECT-DISC A TU TH 206 S M H STRAVINSKY VOCAL LITERATURE. PREREQUISITIES BACHELOR OF MUSIC UP BACHELOR OF SCIENCE IN MUSIC EDUCATION, OP CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE THE UNITS. ≄1 UNIT 1-3 W F 215 S M H 54608 LECT-DISC A DAT HE IM ORGAN LITERATURE.

PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC FOUCATION, OR COASENT OF INSTRUCTOR. MIISTC 436 \*STUDENTS MAY ACCUMULATE TWO UNITS. #1 UNIT 54616 LECT-DISC A 200 S M H APR PETTINGA MUSIC 437 STRING INSTRUMENT LITERATURE.

PREREQUISITE: BACHLOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC
FUCATION, OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE TWO UNITS. #1 UNLT TU TH 102 S A 54624 LFCT-DISC A 2-4 FARRELL MUSIC 438 WIND INSTRUMENT LITERATURE. STUDENTS MAY ACCUMULATE TWO UNITS. 1 UNIT \*SECTION 4--WOODWIND AND SECTION F--BRASS. 54632 LFCT-DISC \*A 2-4 M W 2 S M H
54641 LECT-DISC \*B 9-11 TU TH 141 BAND EDLEFSEN KISINGER MUSIC 439 PERCUSSION INSTRUMENT LITERATURE.

PREREQUISITE: GRADUATE STANDING IN THE SCHOOL OF MUSIC AND CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE TWO UNITS. \*1 UNIT 54659 CONF A ARR 6 S M H MCK ENZIE FUUNDATIONS AND PRINCIPLES OF MUSIC EDUCATION, II. 41 FOURTH TO THE TOTAL TO MUSIC 442 THE GENERAL MUSIC PRUGHAM IN SECONDARY SCHOOLS.
PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION. 1/2 OR 1 UNIT 54675 TU 104 1203 W NEV 1 - 3 LEGNHARD ADMINISTRATION AND SUPERVISION OF MUSIC EDUCATION.

PREREQUISITE: GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION. MUSTC 443 1/2 OR 1 UNIT 54683 LECT-01SC A 10 TU TH 116 1203 W NEV BERGETHUN MUSIC 447 47 SEMINAR IN EXPERIMENTAL MUSIC, 11.
PREREQUISITE: MUSIC 446 OR CONSENT OF INSTRUCTOR. 1/2 UNIT 54691 LAB-DISC A LI M W 102 S H BRUN MUSIC 451 HISTORY

1 UNIT
1 LECT-DISC A HISTORY OF VOCAL ENSEMBLE AND CHORAL MUSIC, II. 9-11 TU TH 201 H A J. SMITH

# APPLIED MUSIC

NITE: STUDENTS IN MUSIC CURFICULA RECEIVE THREE OR FOUR HOURS FOR THEIR MAJOR OR PRINCIPAL SUBJECT.

AS A PART OF THE REQUIEFMENTS FOR THE BACHELOR OF MUSIC DEGREE, SENIOR STUDENTS MUST PRESENT A PUBLIC RECITAL WHICH MEETS WITH SCHOOL OF MUSIC FACULTY APPRIVAL AND CONFORMS WITH DEPARTMENTAL REQUIREMENTS.

MUSIC STUDENTS RECEIVE TWO HOURS CREDIT FOR THEIR MINDR OR SECONDARY SUBJECT.

STUDENTS FROM OTHER COLLEGES RECEIVE TWO HOURS CREDIT FOR WORK IN APPLIED MUSIC IF IN ACCORDANCE WITH THE REGULATIONS OF THEIR COLLEGE.

COLLEGE.

PASSING OF A PERFORMING EXAMINATION IS REQUIRED AS A PREREQUISITE
TO THE INITIAL REGISTRATION IN ANY APPLIED MUSIC COURSE.

# APPLIED MUSIC COURSES FOR UNDERGRADUATES

MUSIC	19.7	PIAN).						
	2 (18	4 HPJRS						
	54713	CONF	Λ	ARR	209	S	M H	KARP
	54721	CONF	В	VE S	204	S	M H	RICHARDS
	5473.	CONF	(	ARR	112	S	м н	FLETCHER
	54743	CONF	D	ARR	206	S	мн	STRAVINSKY
	54756		E	AFR	202	S	Н	BAKER
	54764		E	ARR	205	S	мн	
	54772		G	ARR	201			
	54781		Н	ARR	205			KELLER
	54799			ARR	103			COBB
	54302		j	ARR	104			HESLA
	54811		K	ARR	103			HURT
	54829		Ĺ	APR	104			RAZAQ
	54837		м	APR	205			PINZARRONE
	24031	CONF	la.	AP	203	-	н	PINZARRONE
MUSIC	181	VOICE.						
	2 LIR	3 HO JRS						
	54345	CONF	Δ	ARR	203	S	M H	BAILEY
	54253	CONF	8	APP	207	S	M H	ELYN
	54861	CONF	C	ARR	202	S	МН	CLARK
	54870		D	APR	211	S	мн	HEDLUND
	54388	CONF	E	ARR	210	S	м н	NOTH
	54896			ARR	200			
	54900		G	APR	2008			
	54918			ARR	204			VICKERMAN
	54926			APR	210	5	н	WILSON
	54934		j	ARR	206			CRAWFORD
	54942			AKR	113			
	54951		î	ARR	203			LAQUET
	54969			AKR	201			STONE
	54977			ARR	203			THORNE
		00.11			2 4 3	-		,,,,,,,,
MUSIC		ORGAN.						
		4 HOURS						
	54985	C ONF	A C	ARR	200			
	54993	CONF	C	ARR	105	S	м н	BAKKEN
MUST C	103	VIULIN.						
11) ) } { (		4 HOURS						
			Δ	ARR	303	-		MELKUS
	55326	CONF		ARR	202			SCHMITT
	55010	CONF	C	APR	205			FARMER
	22010	CUNF	C	AFA	203	3	н	FARRER
	184							
	2 DR	4 HOURS						
	55034	CONF	Α	ARR	2 0 3	S	Α	MAGERS
MILCEC	185	CELLO						
WU51C		4 HOURS						
				ARR	201	c	Α	SWENSON
		CONF	A B	ARR	105			FARRELL
	32,121	CONF	В	дик	105	2	А	FARRELL

	MIISTO	1.86	STRING BASS.							
	10310	2 OR	4 HOURS							
		55069	CUNF	Δ	ARR	9	S	M	1	KROLICK
	MUSIC	187	FLUTE.							
		2 DR	4 HOURS	Δ	V6 S	2 - 1	22 1	CR AN	PERE	DELANEY
		55085	CONF CUNF CONF	В	ARR	10	S	MF	I PERF I PERF	TESSIN
		55093	CONF	C	AFR	2-1	22	KP A t	PERF	HUMELL
	MUSIC	188	CLARINET. 4 HOURS CONF CONF CONF							
N		55107	4 HUURS	Δ	ΔFR	11	S	МН	4	MCDOWELL
7		55115	CONF	B	AFR	1.2	S	M F	† <del>†</del>	COGGINS
		55123	CONF	С	ARR	12	S	M F	1	LEEDY
	MUSIC	189	OBOE. 4 HOURS							
		55131	CONF	Λ	ARR	2	S	M E	1	EDLEFSEN
	MUSIC	190	BASSOON.							
		2 OR	4 HOURS							
		55140	CONF	Δ	ARR	1 05	S	Н		
	MUSIC	2 02	CORNET AND TRU 4 HOURS							
		55158	CONF CONF	Α	ARR	14	S	M F	1	SEXTUN
		55166	CONF	В	ARR	12	S	M F	† 	SEEMAN
		55174	CUNF	(	AKK	12	5	MF	1	TASA
		1.00	FRENCH HORN.							
	MUSIC	2 OR	4 HOURS							4,
		55182	4 HOURS CONF	Α	ARR	4	S	M F	ı	HOLDEN '\
	MUSIC	193	TROMBONE.							
		55191	4 HOURS CONF	А	ARR	8	5	M F	ł	GRAY
			00							ONAY
	MUSTO	194	BARITONE.							
	10310	2 UR	BARITONE. 4 HOURS							
		55204	CONF	Δ	ARR	206	P	Α		PERANTONI
	MUSIC	195	TUBA. 4 HOURS							
		55212		Α	APR	206	P	Α		PERANTONI
	MUS IC	196	PERC ISSION.							
		2 (18	4 HOURS							
		55221	CONF	A B	ARR	6	S	M F	ŧ	SIWE FAIRCHILD
				-		0	,			
	MUS IC	197	HARP.							
		2 OR	HARP. 4 HOURS							
		55247	CONF	Δ	ARR	113	S	M F	1	ROSENFIELD
	MUSIC	198	ALTO SAXOPHONE 4 HOURS	•						
		55255	CONF	Α	AKR	12	S	мн		COGGINS

V VES

101 S M H HUNTER

### APPLIED MUSIC COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PRESEQUISITE: FOR STUDENTS IN THE MACHELOP OF MUSIC CUPRICULUM, JUNIOR STANDING IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN MUSIC EDUCATION, COMPLETION OF THE CURRICULAR REQUIREMENT IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN OTHER COLLEGES OF THE JULY RESITY, COMPLETION OF FOUR SEMESTERS IN THE CUMPARABLE APPLIED MUSIC COURSE AT THE 100 LEVEL. JUALIFYING EXAM FOR TRANSFER STUDENTS.

MIISTO	387	PIANO.									
	2 L18	4 HUDRS,	1R	1/2 08	1	UNIT					
	55271	CONF		Δ		ARR	209	S	м н ч н		KARP
	F 2 2 H C	CUNE		8		ARR	204	5	ч н		RICHARDS
	F5298	CONF		C		AFR	112	S	M H		FLETCHER
	55301	CUNF		D		AFR	206	S	M H		STRAVINSKY
	55310	CCNF		F		AKR	575				BAKER
	5532H	CONF		F		AHR			M H		HEILES
	65336	CONF		G		AFR	201	S	м н		SHAPIRO
MUSTE	3.8.1	VILCE.									
., , ,		3 HOURS.	OR.	1/2 (+	1	UNIT					
		COME					273	S	м н		BAILEY
	55352	CONF		В		ARR			ч н		
	55361	CONF		C		ARR	272	5	м н		EL YN CLARK
	55379	CONF		C		ARR	211	5	м н		HEDLUND
	55387	CONF		E		AER	211	S	м н		NOTH
	55395	CENE		F		ARR	2 C CA	S	м н		W. MILLER BURDETTE
	55400	CUNE		G		APR	2 103	S	M H		BURDETTE
	55417	CONE		H		ARR	204	5	Н		VICKERMAN
	55425	CONF		1		ARR	210				WILSON
	55433	CUNE		j		ARR	276	S	H		CRAWFORD
	E5441	CONF CONF CONF CONF CONF CONF CONF CONF		K		ARR	113	5	м н		ZASTROW
		0					113	,			E 43 THOW
MILS TO	382	ORGAN.									
		4 HOJRS,	OR	1/2 00	1	UNIT					
		CONF					200	ς	мн		PETTINGA
MILETO	202	VIOLIN.									
MUSIC	203	VIULIN.	0.0	1 (2 (.0	,						
	56101	4 MUJPS+	UK	172 U×	1	ACD	222	c			MELKUS
	55449	CONF		Д		APR	200	2	A.		SCHMIII
	* 5468	4 HOJPS. CONF CONF		8		AFR	208	2	Δ Δ		FARMER
	55476	CHAF		(,		AFR	2115	5	Δ		FARMER
MUSTO	384	VIOLA.									
	2 OR	4 HOURS,	UK	172 CR	1	UNII					
	55492	CONF		Δ		VK5	203	S	Δ		MAGERS
MUSTC	345	CELLD.									
*0510		4 HILLIPS,		1 / 2 :::0	1	LIN C.T.					
	55504	COME	OK	1/2 0"	1	VED	2.)]	<	٨		SWENSON
	F 5 5 1 /s	CONF		II.		ALD	105	5	Α.		FARRELL
	. ) 114	CUMP		()		ARA	1 )	3	н		TARRELL
MISTO		STRING 8/									
	2 LIR	4 HOURS,	OP.	1/2 CR	1	UNIT					
		CUNE					G	5	M H		KRIJLICK
MUCTO	207	FLUTS									
MOSIC	387		00	1/20:		115 F T					
	2 (19)	4 HOJES,	UR	1/2 UK	1	UNIT	2 12	3 4	2411 00	0.5	DELANEY
	15666	C.NF		Д		EKK	7-12.	/ K	KAN PE	KF	DELANFT
MILS 1.6	3月月	CLARINET									
	2 (IR	4 HMJPS,	116	1/2 ER	1	UNIT					
	55549	CENE		Δ		AKR	11	S	м н м н		COGGINS
	5-1557	CUME		Р		AFR	1.2	5	MH		CHGGINS
MUSIC	3.8.7	JBC E.									
	2 f1R	4 HIURS,	U.S.	1/2 08	1	UNIT					
	55565	CONF		Α		ARR	2	S	м н		EDLEFSEN

MUSTC	300	A C C I I C A							
AD21C	2 08 4	BASSOGN. HOURS, OR I	/2 OR 1	UNIT					
	55573	CONF	А	ARR	105	S	Н		
	2/1	100 NET 1112 TO	LIMP T						
MUSIC	391 (	ORNET AND TR HOUPS, OR I CONF	ZZ GR 1	116. 1.1					
	55581	CONF	Δ	AFR	14	S	М	Н	SEXTON
					• •				00
MUSIC	392 F	FRENCH HORN. HOURS, OR I	(3.60.1	115 5 7					
	55500	CUVIE HILIKZ* IIK I	1/2/08/1	ADD	4	c	м	Н	HOLDEN
	,,,,,	00.41	~	P1	•	5		**	HOED! N
MUSIC	393 [	TROMBONE. HOURS, OP 1 CONF	10.00						
	7 UK 4	HIBRS, IN I	./2 UR I	V C S	8	c	м	н	CDAV
	33993	CCAL	A	AFT	D	3	1-1	**	OKHI
MUSIC	394 H	APITONE. HOURS, OR I							
	2 UR 4	HOURS, OR 1	./2 DR 1	UNII					05041 7011
	11000	CUNF	Д	AFF	506	Р	А		PERANTONI
MUSIC	3 95 T	TURA. HD IRS, OR I							
	2 02 4	HOURS, OR I	15 UK 1	UNIT	201				250407007
	55520	CONF	Δ	AF R	206	Р	Δ		PERANTONI
MITSIC	396 P	ERCUSSION. HOURS, OR 1 CONF CONF							
	2 IJR 4	HOURS, OR 1	12 Or 1	UNIT					
	55638	CONF	Λ	AFR	6	S	M	H	SIWE FAIRCHILD
	27444	Clict	F	AKK	6	5	req.	Н	FAIRCHILD
MUSIC	397 H	HAPP. HOURS, OR 1 CONF							
	2 UR 4	HOURS, OR 1	/2 DR 1	UNIT					
	55654	CONF	Α	ARR	113	S	М	H	ROSENFIELD
MIS IC	304 5	AXOPHINE. HUTRS, OR 1 CONF							
	2 'JR 4	HUMRS, MR 1	/2 OR 1	TIMU					
	55662	CONF	Д	ARR	12	S	M	Н	COGGINS
MUSIC	399 H	ARPSICHORD. HOJRS, OR I							
	2 119 4	HOURS, OR I	15 (b)	TIAU					
	55671	COMP	Δ	AK-2	101	5	M	Н	HUNTER
		Δ	PPLIED	SISH	CHURSES FIR GRADUATES				
MITS TC	480 P	TAN							
1111	PREREO	UISITE: BACH	ELOR DE	MUSIC	DEGREE, SUCCESSFUL C	OME	2	ETION OF A	
					THE GRADUATE COMMITT	EE.			
	1/2 OR	1 UNIT							
	55689	CUNE	A	VBB	2(9	5	M	H	KARP RICHARDS
	55 701	CONF	(	ARR	112	5	M	H	FLETCHER
	55719	CONF	D	ARR	506	S	М	Н	STRAVINSKY
	55727	CONF	F	ARR	202	S	Н		BAKER
	55 735	1 UNIT CONF CONF CONF CONF CONF CONF CONF	F	ARP	205	S	Ч	н н н	HEILES
	55/43	CUNF	G	AKK	201	5	Н		SHAPIRU
MUSIC	481 V	DICE.							
					DEGREE, SUCCESSFUL C	OMF	PLI	TION OF A	
	QUALIF	YING EXAMINA  1 JALIT CONF CONF CONF CONF CONF CONF CONF CONF	TON GI	VEN BY	THE GRADUATE COMMITT	EE.	0		
	55751	CONF	Δ	ARF	203	S	М	Н	BAILEY
	55760	CONF	P	AFR	207	S	М	н н н	ELYN
	55778	CONF	(	ARR	202	S	М	Н	CLARK
	55736	CUNF	D	ARR	211	S	М	Н	HEDLUND
	55794	CONF	E	ARR	210	S	M	H	NOTH
	55316	CONF	(,	ARR	2 C CA	5	M	Н	NOTH W. MILLER BURDETTE
	55824	CONF	Ī	AHR	210	5	Н		WILSON
	55332	CONF	J	ARR	206	S	H	н н н	CRAWFORD

M1,[ 4+2 126ΔV. SHIRE SHISTLE HACHELE OF MUSIC PERKER, SUCCESSFUL CUMPLETION OF A SHILEVING FRAMINATION GIVEN BY THE GRADUATE COMMITTEE. 1/2 1/4 1 JN1T 5\* 4/4 1 CONF PETTINGA 200 S M H STRING INSTRUMENTS.

POST OF UNISTEE: RACHELLA OF MUSIC DEGREE, SUCCESSED COMPLETION OF CONTINUE EXAMINATION GIVEN BY GRADUATE COMMITTEE. 1/2 DR 1 INIT 9 S M H KROLICK AND STRING FACUL "SSTE 484 VIND INSTRUMENTS.

DEPRESSISTIE: RACHELLE OF MUSIC DECREE, SUCCESSE IL CUMPLETION OF JULIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE. 1/2 'R 1 JNIT 11 S M H MCDOWELL AND Λ Δ2-AIND FACULTY MUSTI 4-5 PERCUSSIUN INSTRUMENTS. PERCOSSION INSTRUMENTS.

DESPESSION INSTRUMENTS OF MUSIC DESPESS SUCESSEUL COMPLETION OF A

POLITETING EVANIMATION GIVEN BY THE GRADUATE COMMITTEE. 17. R 1 JATT D DKK 6 S M H SI WE PLOTO AND TOTAL PROJECTS.

PROMINE TO STUDENTS IN THE DIGITH OF MUSICAL ANTE PROGRAM.

PROFESSIONAL CONSENT OF INSTRUCTOR. 1 T' 3 UNITS 210 1203 W NEV GRADUATE CONF A ARW FACULTY

VUCTO 40. THESIS PESEARCH.
PRESEDUISITE: CONSENT OF ADVISTA.

TO 4 UNITS
SSR91 CONF A AFF 210 1203 W NEV GRADUATE FACULTY

# SUPPLEMENTARY INSTRUMENTS

NATE: THESE COURSES ARE UPEN AS ELECTIVES TO STUDENTS FROM OTHER COLLEGES. IN COURSES INVELVING TWO INSTRUMENTS, TWO CAYS A WEEK WAS SPENT ON FACH INSTRUMENT FOR THE ENTIRE SEMESTER. PREREQUISITE FOR ALL NON-MUSIC STUDENTS: CONSENT OF INSTRUCTOR.

## COLESES FOR UNDERGRADUATES

STRING INSTRUMENTS . MUSTC 170 PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR. 2 H1135 \*\*SECTION A IS FOR REGINARRS. SECTION R IS FOR ADVANCED STUDENTS.

5-9-5 LAB-DISC \*A 7 MIDWITH 5 S M H

5-913 LAB-DISC \*B 10 MIDWITH 5 S M H KROLICK ANE 5 S M H 5 S M H 55905 D. MILLER 55913 MISTC 171 CLARINET.
2 HTUPS
55921 LAB-DISC A 8 MTUMTHE LEEDY 5 S M H COPNET OR TRUMPET. MUSIC 172 172 CHANET TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TO 14 S M H 14 FLUTE AND SAXOPHONE. PREMEDUISITE: MUSIC 171.
2 Hades
55335 LAB-DISC A COGGINS ANI 10 S M H a MINMIHE TESSIN

MUSIC 174 FRENCH HORN AND PERCUSSION. PREKEQUISITE: MUSIC 172. 2 HOURS 4 S M H LAB-DISC A 10 MIUWIHE HOLDEN AND 55964 MUSIC 175 TROMBONE, BARITUNE, AND TURA.
PREREQUISITE: MUSIC 172. 2 HOURS LAB-DISC MIUWIHE 25 S M H PERANTONI THUE AND SASSION. PREREQUISITE: MUSIC 171. 2 HOURS 55981 1 2 S M H BERRY AND EDLEFSEN MILLWITHE MUSIC 177 CLASS PIANO INSTRUCTION. PPEREQUISITE: CONSENT OF INSTRUCTOR. 2 HOURS \*FOR NON-MUSIC STUDENTS ONLY SECTIONS C, H THROUGH J: LEVEL ONE.
SECTIONS A, B, D THROUGH G: LEVEL TWO.
SECTIONS K THROUGH C: LEVEL THREE.
SECTIONS P THROUGH U: LEVEL FSUR. 55756 LAB-DISC \*A 8 LAB-DISC B 1 PA MAR SHALL TU TH PA 56102 **ELLISTON** PA 56064 LAB-DISC \*C M M BERENSON #C D F 55111 LAB-DISC 9 TU TH PA LYKE M W W 56129 LAB-DISC 9 PA ELLISTON LAB-DISC 1 2 PA 56137 ELLISTON G M W PA 56145 LAB-DISC BERENSON TU TH 56072 LAB-DISC 3 PA MARSHALL R K I H LAR-DISC 10 PA BERENSON 56081 3 LAR-DISC 3 м ж PA 56099 J K 3 M. BLATTER LAB-DISC PA 56153 4 4 W 3 MARSHALL 2 4 W LA8-DISC l PA MARSHALL 56151 3 3 9 2 N O P 56170 LAB-DISC TU TH 3 PA BERENSON M W 56188 LAB-DISC 3 PA ELLISTON 56196 LAB-DISC TU TH PA LYKE 55999 LAB-DISC TU TH PA BERENSON PA 56005 LAB-DISC C TU TH LYKE 56013 LAB-DISC 7 PM TU TH PA MARSHALL 3 1 56021 S T M W 3 P A 3 P A LAB-DISC MARSHALL 56030 IAR-DISC M. BLATTER TU TH MARSHALL 56748 1 AB-DISC U PA MUSIC 178 CLASS INSTRUCTION IN VUICE. FOR MUSIC AND MUSIC EDUCATION STUDENTS ONLY. 2 HOUPS 56200 TU TH 25 S M H CRAWFORD B 116 1203 W NEV 56218 LAB-DISC 2 TU TH TU TH 56226 LAB-DISC 10 VICKERMAN COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES CLASS PIAND (ATVANCED). PREREQUISITE: MUSIC 180 (12 HOURS COMPLETED), 104 AND 109. OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE 4 HOURS (R 1 UNIT. #2 HOURS OR 1/2 UNIT SECTIONS A AND B: LEVEL TWC. SECTION C: LEVEL ONE.

56274 LAB-DISC A 10

56242 LAB-DISC B 3

56251 LAB-DISC C 2

10 TU TH
3 TU TH
7 TU TH

5 P A 5 P A 5 P A

LYKE FLLISTON BERENSON

# ENSEMBLE COURSES

NOTE: ALL ENSEMBLE COURSES REQUIRE CONSENT OF INSTRUCTOR.

FOR BAND ENSEMBLES SEE PANDS.

# COURSES FOR ADVANCED UNDERGRADUATES

MUSIC	250 UNIVERSITY	OP CHESTRA					
	1/2 HOUP 56269 PRACT	Δ	730PM	м	USCH	SHEST KEVY	GDODMAN
	56269 PRACT	Δ	4	w F	USCH	PHRSL KRAN	GOODMAN
MUSIC	251 CHAMBER ORG	HESTRA.	INSTRUCTOR				
	5h277 PRACT	Δ	11	MTU M	CRCH A EN	PHRSL KRAN SEMBLE KRAN	GARVEY
MUSIC	252 WIND ENSEMB	LE.					
	1/2 HOUR 56285 PRACT	Δ	11-1230	w F	GROH	RHRSL KRAN	GRAY
MUSIC	254 STRING ENSE	MBLE.					
	1/2 H)UP *CLASS MEETS AT	11 0 01001	( 1' )AYS	TO BE ARRA	NGE 1.		
	56293 PRACT				9	S M H	KROLICK AND STRING FACULT
							STRING FACULT
14.15.1.6	255 WOOD VIND EN	CEMBLE					
40310	1/2 HOUR *CLASS MEETS AT	26.46.6.					
	#CLASS MEETS AT 56307 PRACT	11 0 CLOS	ARR DAYS	TO BE ARRA	NGED.	5 м н	MCDOWELL AND
	.,,,,,		,,,,,			3	MODDWIND
							FACULTY
MILETO	256 BRASS ENSEM	DI E					
.0310	1/2 HOUR						
	56315 PRACT	Α	11	M W F	1 4	S M H	GRAY, HOLDEN SEXTON, AND
							PERANTONI
							- 1
MUSIC	257 PERCUSSION 1/2 HOUR	ENSEMBLE.					
	#CLASS MEETS AT			TO BE ARRA	NGED.	SMH	SINE AND
	56323 PRACT	* A	AKK		0	2 m H	FAIRCHILD
							1
MUSIC	258 PIAND ENSEM	BLE.					
	1/2 HOUP 56331 PRACT	Α	4-6	M	112	SMH	FLETCHER
MUSIC	250 DRGAN KEYBO	ARD TECHNI	QUES.				
	1 HTUR 5634C CONF	Δ	ARR		200	S M H	PETTINGA
MUSIC	261 ORATORIO SO	CIFTY.					
	1/2 HOUR NOTE: JPEN TO ST	UDENTS. FA	CULTY AND	TOWNSPEOP	I.F.		
	56358 PRACT	A	8-950P	M TH	CHIS	RHRSL KRAN	MUELLER
MUSIC	261 UNIVERSITY OPEN TO STUDENTS		AND TOWNS	DE-101 E			
	1/2 HOUR			LC JECC.			
	*SECTION C IS FO	P BLACK CH	630-8PM	M W	CHOS	RHRS L KRAN	STEIN
	*SECTION C IS FO 56366 PRACT 56374 PRACT 56382 PRACT	В	4-530	TU TH	25	S M H	MUELLER
	DO 182 PRACT	*C	8-10PM	W	25	1203 W NEV S M H	RAY

262 NOMENS GLEE CLUP.

OPEN TO ALL WOMEN STUDENTS. 1/2 47UR 56391 PACT A 4-530 TO TH CHOS RHRSL KRAN JESON MENS GLEE CLUB. MUSIC 263 OPEN TO ALL MEN STUDENTS. 1/2 HIJA A 56474 630-9PM TU TH CHOS RHEST KRAN OLSON HUSIC 264 UNIVERSITY UNDI-1/2 HOUR 56412 PRACT A 4-515 Y W F CHOS RHRSL KRAN WILSON IPERA WORKSHOP AND ENSEABLE. MUSIC 265 1/2 HOUR \*SECTION & IS FOR OPERA CHORUS.

56421 PRACT A 3-6 TU TH OPERA RHRSL KRAN
56439 PRACT #E 4-530 TU TH A ENSEMBLE KRAN ZIRNER MUSIC 266 JAZZ BAND. PREREQUISITE: CONSENT OF INSTRUCTOR, DETERMINED BY AUDITIONS. 1/2 HOUP PRACT A
PRACT B
PRACT C
PRACT C ARR ORCH RHRSI KRAN GARVEY 56447 55455 GARVEY 55463 AGO GARVEY 56471 AKR GARVEY HARP ENSEMBLE.

OREKGUUISITE: MUSIC 197 AND/ R 397. OREREQUISITE: NOSTO 1/2 HOUR 56480 CONF A ARR 113 S M H ROSENFIELD STALL CHORAL ENSEMBLES. 1/2 H)UR \*SECTION A IS FOR CHAMBER CHOIR. SECTION B IS FOR MADRIGAL SINGERS. 56498 PRACT \*A 12 M W CHOS PHRSL KRAN \*A 12 F A ENSEMBLE KRAN 55501 PRACT \*B ARR 4-133 KRAN PERF J. SMITH MUSIC 269 MUSIC CONVOCATIONS AND CONCERTS. 2 CREDIT \*EVENING CONCERTS TO BE APRANGED. LAB TH RECITAL HALL 55510 B \*11 COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 350 ADVANCED ENSEMBLE MUSIC. PREREQUISITE: REGISTRATION IN APPLIED MUSIC AT THE 300 LEVEL AND CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT \*SECTION A IS FOR INSTRUMENTAL, SECTION B FOR OPERATIC, SECTION C FOR COLLEGUIM, SECTION DEFOR CONTEMPURARY MUSIC, SECTION EFOR CONTEMPUPARY PIANO IMPROVISATION, SECTION FEOR UNIVERSITY CHORALE. 56536 PRACT 9 S M H KROLICK AND STAFF 3-5 M W
ARR
ARR
3 M W PRACT ZIRNER **#B** OPERA RHRSL KRAN PRACT PRACT PRACT PRACT HUNTER 56552 \*C 101 S M H 56561 3 M W 5 P A ELLISTON 11-1230 TU TH CHOS RHRSL KRAN J. SMITH 56579 \* E 56528

# VOCAL DICTION COURSES

# COURSES FOR UNDERGRADUATES

MISTO	166 ENG	SEISH DICTIO	N.					
	PREREGUI	SITE: FRESH	MAN	STANDING :	IN VOICE OR (	CONSENT C	F INSTRUCTOR,	
	CUNCHERE	NT REGISTE	TION	IN MUSIC	181.			
	1 H J1J2							
	54587	0.00.00	Δ	ARR			SMH	BAILEY
	56595	CENF	8	ARR		210	SMH	ELYN
	56579	CONF	(	AFR		202	SMH	CLARK
	55517	CONF	D	AFR		211	S M H	HEDLUND
	55625	CINF	F	AFR		210	SMH	NOTH
	55133	CONF	F	ARR		200A	SMH	W. MILLER
	56 541	CONF	(	AKK		SCCB	S M H	BURDETTE
	56550	COMP	Н	ARR		204	SH	VICKERMAN
	56668	CONF	I	ARR		219	S H	WILSON
	56571	CONF	J	ARK		20€	SH	CRAWFORD
	56684		K	AKR		113	SMH	ZASTROW
MUSIC	167 ITA	LIAN DICTIO	N.					
	22636311	SITE: FRESH	MAN	STANDING I	N VOICE UP (	CUNSENT O	OF INSTRUCTOR.	
		*T PEGISTRA						
	1 117 12							
	56692	LAB-DISC	Α	10	M W	210	S M H	NOTH
	55776	LAB-DISC	ρ	2	T.d. TH	210	SMH	NOTH
	00	640 .150		-			J	
MIISTO	168 GEF	MAN DICTION						
10310				STANDING	IN VALCE OR	CONSENT	DE INSTRUCTOR.	
		NT REGISTO				Ç0.43E141	11311001011	
	1 47 12	. 41 000131 2	1104	114 110310	1.71.			
		1 49 - 0150	A	7	TU TH	2.5	C M LI	ELYN
	10114	L M G = (-13 C	4.1		10 111	۷,	3 1 11	CLIM
4	169 FRF	A THE DISTING						
40.11				CTANDIAC	IN VOICE DO	CONSCAT	OF INSTRUCTOR.	
						COMPENI	OF INSTRUCTOR	
		NT PEGISTES	1 111/14	14 60210	181.			
	1 HOUR				Total Total	101	C M 11	CI ADV
	56722	LAB-DISC	Д	9	10 18	106	3 7 H	CLARK
		0.0000000000000000000000000000000000000	5.00	100111050			DADUATES	
		CLIMBZEZ	FIR	ADVANCED	LNDERGRADUAT	IES AND	KADUATES	
	0.17 110.5		0.5					
MUZIC	367 VDC	AL KEPERIOI	KE o	110				

MUSIC 367	7 VOCAL REPERTOIRE, II.
	PPERFOJISITE: JUNIOR STANDING IN VOICE OR CONSENT OF INSTRUCTOR,
	CONCURRENT REGISTRATION IN MUSIC 381.

1 HOUR 55731 LAB-DISC A L TO TH 210 S H G. WILSON

#### MUSIC LITERATURE COURSES

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 320 PROSEMINAR. PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION, CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE 8 HOURS OR 2 UNITS. \*2 OR 4 HOURS, OR 1/2 OR 1 UNIT SECTION A TOPIC: INDIVIDUAL PROJECTS. SECTION B TOPIC: CHORAL LAB. SECTION C TOPIC: COMPARATIVE MUSIC EDUCATION.
SECTION D TOPIC: PERFORMANCE PROBLEMS IN BARDQUE KEYBOARD MUSIC: BACH PARTITAS . 56757 CONE GRADUATE FACULTY 9 M W F CHOS RHRSL KRAN 9 TU TH 212 1203 W NEV 9-11 TH 104 1203 W NEV J. SMITH LAR-DISC B LECT-DISC C LAR-DISC D 56773 56749 56765 212 1203 W NEV 104 1203 W NEV BERGETHON HUNTER PREREQUISITE: SENIOR OR GRACUATE STANDING IN MUSICOLOGY, OR CONSENT MUSIC 322 TO TAISTRUCTURE.

\*CREDIT MAY BE ACCUMULATED TO A MAXIMUM OF 8 HOURS OR 2 UNITS.

\*4 HOURS OR 1 UNIT

THE COT-DISC A 1 TU 201 H A 56781 201 H A KELLMAN 1-3 TH Α OPERA PRODUCTION. II. MUSIC 324 PREREQUISITE: MUSIC 323.
3 HOURS OR 1/2 UNIT CONF OPERA RHEST KRAN ZIRNER COURSES FOR GRADUATES SEMINAR IN MUSIC LITERATURE. REQUIRED OF ALL STUDENTS ENROLLED IN THE DOCTORAL MUSICAL ARTS PROGRAM. PREREQUISITE: CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE TWO UNITS. \*1 UNIT 56803 LECT-DISC A 1-4 TU RINGER 101 H A MUSIC 422 SEMINAR IN THEORY OF MUSIC.

PREREQUISITE: GRADUATE STANDING IN MUSIC THEORY OR CONSENT OF INSTRUCTOR . 1/2 OR 1 UNIT LECT-DISC A 10 TU TH 106 S M H JOHNSTON MUSIC 424 SEMINAR IN THE WORKS OF A SELECTED COMPOSER.

PREREQUISITE: MUSIC 213-214 AND TWO OF THE FOLLOWING:

MUSIC 310, 311, 312, 313, 315, OP EQUIVALENT.

\*STUDENTS MAY ACCUMULATE TWO UNITS. \*1 UNIT TOPIC: WORKS OF JOSQUIN DES PREZ. 56820 LECT-DISC A 101 H A KELLMAN PROBLEMS AND METHODS. MUSIC 428 REQUIRED OF ALL STUDENTS IN THE MASTER OF MUSIC PROGRAM EXCEPT THUSE MAJORING IN MUSICPLOGY. I UNIT 56838 FFUM BYRNSIDE LECT-DISC A LECT-DISC B 9-12 TU 101 H A TH 1-4 56846

# NAVAL SCIENCE

DEPARTMENT CFFICE

239 ARMORY

ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED.

ALL UNITS BATTALION PARADE 3-5.

LECT LECT

56935

56943

SUNDAY MAY 16, 1971

# COURSES FOR UNDERGRADUATES

LAB LAB LAB LAB LAB	8 8 C C D D E E E	3-5 3-5 3-5 3-5 3-5 3-5 3-5 3-5 3-5 3-5	T + T + T + T + T + T + T + T + T + T +	4	250 ARMORY 250 ARMORY 137 ARMORY 253	ARMORY Y FLOOR	STAFF STAFF HERSHLY HEKSHEY BEAUDRY BFAUDRY KOSTAR KOSTAR MCHENRY
LAB LAB	B C C D D E E	3-5 3-5 3-5 3-5 3-5 3-5 3-5 3-5	TH TH TH TH TH	H H H H H H H	349 ARMORN 250 ARMORN 137 ARMORN 253	ARMORY  / FLOOR ARMORY  / FLOOR ARMORY  / FLOOR ARMORY	HERSHEY HERSHEY BEAUDRY BEAUDRY KOSTAR KOSTAR MCHENRY
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LAB	D D E E	3-5 3-5 3-5 3-5	T + T + T +	н н н	137 \RMORY 253	ARMORY FLOOR ARMORY	KOSTAR KOSTAR MCHENRY
LAB	D E E	3 - 5 3 - 5 3 - 5	T H T H	H 1	253	FLOOR ARMORY	KOSTAR MCHENRY
	E E F	3-5 3-5	TH	H H /	253	ARMORY	MCHENRY
	E F	3-5	TH	- 1			
LAB	F				RMERY	r FLOOR	MCHENRY
LAB		3-5	TI				
	F			4	136	ARMORY	MCHENRY
		3-5	T+	4 1	RMORY	r FLOOR	MCHENRY
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LECT-DISC	С	10	м ы	Ł	101	APMURY	STAFF
	LECT-DISC LECT-DISC	LECT-DISC B LECT-DISC C	LECT-DISC B 9 LECT-DISC C 10	LECT-DISC B 9 M W LECT-DISC C 10 M W	LECT-DISC 8 9 M W F LECT-DISC C 10 M W F	LECT-DISC B 9 M W F 146 LECT-DISC C 10 M W F 101	LECT-DISC 8 9 M W F 146 ARMORY LECT-DISC C 10 M W F 101 ARMORY

M W F 250 ARMORY M W F 250 ARMORY

HERSHEY

HERSHEY

		Cru	RSES FO	R ADVANCED	UNDE	RGRAD	UATES		
N S	PREREQ APPROV	AVIGATION AND UISITE: JUNIO AL OF PROFESS	R STAND	ING IN NAV	AL UF	FICER			
	3 HOUR 56951	LECT-DISC	N <sub>4</sub>	10-1130	TU	TH	250	ARMORY	BEAUDRY
N 5	PREREQ	AVAL WEAPONS UISITE: N. S.			N IN	N. S.	100.		
		reci-bisc		9 10	м w м w		250 250	ARMORY ARMORY	KOSTAR KOSTAR

#### NUCLEAR ENGINEERING

DEPARTMENT OFFICE

214 N E L

# COURSES FOR ADVANCED UNDERGRADUATES AND SKADUATES

NUC E 302 NUCLFAR POWER ENGINEERING.
SAME AS M. E. 302.
PREREQUISITE: CONSENT OF INSTRUCTUR.

3 HOURS OR 1 UNIT

HWF 273 NEL 56986 LECT-DISC

NUC F 312

NUCLEAR POWER ECONOMICS AND FUEL MANAGEMENT.

PREREPREREQUISITE: JUNIOR STANDING, M. F. OR NUC. E. 302, OR
NUC. F. 347, OR CONSENT OF INSTRUCTOR.

3 HOUS OR 1 UNIT.

1994 LECT-DISC 2 M W F. 203 N.E.L.

56994

NUC F 321 INTRIDUCTION TO CONTROLLED THERMONUCLEAR FUSION.

SAME AS E. E. 321.
PREREQUISITE: SENICE OF GRADUATE STANDING; OR CONSENT OF

INSTRUCTOR.
4 HOURS OR 1 UNIT
7001 LECT D M W F 203 N E L 57001 11

NUC F 349 FUNDAMENTALS OF PADIATION PROTECTION.
SAME AS C. F. 349.
PREREDUISITE: CREDIT OR PEGISTRATION IN NUC. E. 397 OP IN

PHYCS. 382. 3 HOURS, OR 3/4 OR 1 UNIT 7019 LECT-DISC 57019

2 TU 203 N E L 2-4 TH 203 N E L

NIC E 397 RADIOCHEMISTRY.

SAME AS CHEM. 397.

PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY. OR ONE SEMESTER

DE ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.

3 HOURS OR 3/4 UNIT 57727 10 TII TH S 111 N L

# COURSES FOR GRADUATES

NUCLEAR REACTUR HEAT TRANSFER. NUC F 411

PREREQUISITE: NUC. E. 401, CR CUNSENT OF INSTRUCTOR. 1 UNIT

57035 LECT-DISC 4 W F 203 N E L

NUL E 421 NUCLEAR CENCEPTS.

PREREQUISITE: CREDIT IN A NUCLEAR PHYSICS COURSE SUCH AS

NUC. E. 397 OR PHYCS. 382.

57043 LECT-DISC 10-12 TU TH 203 N E L

NUC E 447 RADIDACTIVE WASTE DISPOSAL.

SAME AS C. F. 447.

PREREQUISITE: PHYCS. 282 OR CHEM. 398 CR NUC. E. 398 OR CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT

9 M W F 421 F H 57051

NUC E 451

REACTOR LABORATORY.

PREME JUISITE: NUC. E. 347 OK CINSENT OF INSTRUCTOR.

1/2 OR 1 JNIT

57060 )ISC 57078 LAB 203 N E L A B NUC REACTOR LAB 1-4 4 57086 LAB

NUC F 454 NUCLEAR ENGINEERING LABORATORY INVESTIGATIONS.
PREREQUISITE: CONSENT OF INSTRUCTUR.

1/4 TO 2 UNITS 7094 CONF 57094 STAFF

NIC F 455 REACTOR PHYSICS, I. SAME AS PHYCS. 455.

PREREQUISITE: MATH. 343 AND 345, NUC. E. 347, OR CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC 10 M W F 203 N E L NUC E 456 REACTOR PHYSICS, II.

SAME AS PHYCS. 456.

PREREDJISITE: NUC. E. 455 OF CUYSENT OF INSTRUCTOR. 1 UNIT 57116 3 M W F 203 N E L LECT-DISC VIC E 455 NUCLEAR REACTOR ENGINEERING.
PRESENTISTE: NUC. E. 347 CP CONSENT OF INSTRUCTUR.
1 UNIT
57124 LECT-DISC 8-17 TO TH 203 8-10 TU TH 203 N E L SPECIAL TUPICS. PPERFOUISITE: CONSENT OF INSTRUCTOR. ### THE COMPANY OF TH NUC E 495 NUCLEAP ENGINEERING PROBLEMS.

PREPERUISITE: AT LEAST THREE UNITS OF GRADUATE WORK AND CONSENT OF INSTRUCTOR. 1/4 TO 2 UNITS 7141 CONF 57141 ARR STAFF NIC E 497 SEMIJAR IN NUCLEAR D CREDIT 57159 LECT-DISC SEMINAR IN NUCLEAR SCIENCE AND ENGINEERING. 4 TU 203 N.E.L.

NUTRIONAL SCIENCES

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DEPARTMENT CEFICE

24 14

COURSES FOR GRADUATES

NUTRS 4 T SEMINAR.

OREOTOUISTIF: AN. S. 420.

1/4 FILT

57175 LECT-DISC ARR

NUC E 49) THESTS RESEARCH. 1 11 4 UNITS 57167 CONF

WIC9 T H STAFF

STAFF

# PERSIAN

DEPARTMENT OFFICE

LECT-DISC

201, 1208 W. CALIFORNIA

#### COURSES FOR ADVANCED UNDERGRADUATES

PERS 202 ELEMENTARY PERSIAN, 11.

PREREQUISITE: PERS. 201 AND CONSENT OF INSTRUCTOR. 5 HOURS OPEN TO FRESHMEN.

57183 LECT-DISC

11 MTUWTHE 405 M H

INTRIDUCTION TO PERSIAN CULTURE AND LITERATURE. II. PERS KNOWLENGE OF PERSIAN NOT REQUIRED. 3 HOURS

57191

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PERS 304 INTERMEDIATE PERSIAN, II.

PREREQUISITE: PERS. 303 OF CONSENT OF INSTRUCTOR.

5 HOURS OR I UNIT

57205 LECT-DISC

10 MTUWTHE 405 M H

26 ADVANCED PERSIAN, II.

PREREDUISITE: PERS. 305 OR CINSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

57213 LECT-DISC ARR pres 306 57213

PETROLEUM ENGINEER ING

DEPARTMENT CEFICE

201 M M B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PET F 372 PESERVOIR MECHANICS, II.
PREREQUISITE: PET. E. 371.

3 HOURS OR 1 UNIT 57221

3 W F 403 M M B DEPARTMENT OFFICE

DEPARTMENT. 4 HOURS 57493 LEI 105 G H

ER

WERNER

MAJUR: TWENTY HOURS FROM ANY COURSES SFFERED BY THE DEPARTMENT, INCLUDING PHIL. 102, 303, 306, 321, AND DNE ADDITIONAL 300 COURSE IN PHILOSUPHY.

MINORS: TWENTY COURSE HOURS FROM THE SUBJECTS RECOGNIZED AS MAJORS BY THE COLLEGE OF LIPERAL ARTS AND SCIENCES, OR FROM ANY APPROVED LAS INTERDEPARTMENTAL CUPRILULUM, OP FROM EDUCATION OR LIBRARY SCIENCE OR LINGUISTICS. RHETORIC 101, 102, 107, 108, FIRST-YEAR MODERN FOREIGN LANGUAGE COURSES, AND COURSES IN APPLIED MUSIC ARE FXCLUDED. IF TWO CEPARTMENTS OR CURRICULA ARE CHOSEN, AT LEAST FIGHT HOURS MUST BE TAKEN IN EACH.

FRESHMAN JAMES SCHOLARS ARE AUTOMATICALLY PERMITTED TO TAKE ANY 100 LEVEL PHILOSOPHY COURSE.

# COURSES FOR UNDERGRADUATES

		(1	DURSE	S FOR UNDER	GE AN	JATES			
PHII	101 7	NTRODUCTION T	0 000	VII O S O O UI					
FULL		UISITE: SOPHO			CON	SENT DE	CHAID	MAN OF	
		PARTMENT.	w.f.k.E	STAMDING CK	COM	SERI UF	CHAIR	MAN UF	
	3 HOUR								
	57230	LECT-DISC	A	9	м	p F	207	GH	
	57248	LECT-DISC	81	9	4	n F	311	GH	
	57255	LECT-DISC	B2	9	M	W F		GH	
	57264	LECT-DISC	C1	10	м	n F	336	GH	MACKAY
	57272	LECT-DISC	D	11	М	WE		G H	SLEINIS
	57281	LECT-DISC	E1	1	M	W F	311	GH	SLEINIS
	57299	L ECT-DISC	E 2	1	M	n E	321	GH	SHAPIRA
	57302	LECT-DISC	F1	2	M	W F		GH	ROBISON
	57311	LECT-DISC	F2	2	14	WF	311	GH	
	57329	LECT-DISC	G	3	М	W F	336	GH	SLEINIS
	57337	LFCT-DISC	1	830-10	Т	UTH	327	GH	
	57345	LECT-DISC	M 1	9-1030		U TH	311	GH	
	57353	LECT-DISC	M2	930-11	Т	UTH	3 3 6	GH	PERLMUTTI
	57361	LECT-DISC	NI	10-1130	T	UTH	321	GH	
	5737C	LECT-DISC	N2	1030-12	T	U TH	311	GH	KINDRED
	57388	LECT-DISC	R1	1-230	T	UTH	336	GH	PERLMUTTI
	57396	LECT-DISC	R 2	130-3	Ţ	U TH	311	GH	KINDRED
	57400	LECT-DISC	S	230-4	T	UTH	336	GH	FABER
PHIL	102 L	OGIC.							
	PRESED	UISITE: SOPHO	MERE	STANDING OR	CIN	SENT DE	CHAIR	MAN OF	
	THE DE	PARTMENT.							
	3 HOUR	S							
	57418	LECT-DISC	8	9	М	w F	207	G H	
	57426	LECT-DISC	D	11	M	WE	223	GH	CATON
	57434	LECT-DISC	E	1	M	W F	114	DKH	HUGLY
	57442	LECT-DISC	F	2	ų.	h F	207	GH	
	57451	L ECT-DISC	G	3	М	w F	223	GH	WENGERT
	57469	LECT-DISC	34	930-11	T	UTH	207	GH	
	57477	LECT-DISC	R	1 3 0 - 3	T	U TH	207	GH	SUPPE
	57485	LECT-DISC	T	3-430	T	U TH	311	GH	
PHIL		HILDSOPHY OF							
	PRESES	UISITE: SOPHO	MCRE	STANDING CR	CON	SENT OF	CHAIR	MAN OF	

LECT+DISC D 11 MTUWTH 207 G H

MARAL IDEAS AND PRACTICE. PHIL 105 PRESEQUISITE: SEPHOMERE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT. \*CREDIT IS NOT GIVEN FOR BOTH PHIL. 105 AND 103. #2 HOURS THESE CLASSES MEET 3 HOURS PER WEEK FOR FIRST 10 WEEKS OF SEMESTER. 57507 LECT-DISC A 4 W F 3 311 G H 57515 LECT-DISC B1 321 GH M W F M W F M W F LECT-DISC 57523 B2 9 336 G H 57531 LECT-DISC 207 G H CHANDLER 57540 LECT-DISC 327 GH LECT-DISC 57558 G1 3-430 321 GH 57566 LEC T-DISC G 2 311 TU TH 57574 LECT-DISC L P 830-1C 321 ROSENBAUM TU TH 57582 1-230 LECT-DISC 321 GH ROSENBAUM 230-4 57591 LECT-DISC 5 TU TH WORLD RELIGIONS. PHIL 110 PREREQUISITE: SEPHEMERE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT. 3 HOURS 57604 Р 11 TU TH 112 TIEBOUT DI SC 57512 D 11 207 G H 57621 DISC 327 GH F2 57639 DISC 1 327 G H 57647 E 3 327 2150 GH 1 57655 alsc C-1 3 207 G H 207 57663 DISC G2 G3 3 207 57671 3 3 4 8 8 830-930 830-930 57680 DISC F-1 M 336 G 57598 0110 H2 336 015C 015C 57701 TU 311 57710 TH L2 311 57728 207 L.3 57736 DISC L4 207 57744 01 SC 327 G H Ul 57752 57761 0150 TU G H DISC U3 321 PHIL 195 FRESHMAN SEMINAR. PREREQUISITE: JAMES SCHOLAR -- FRESHMAN STANDING. 3 HOURS 57779 2-336 327 G H NEELY UNDERGRADUATE OPEN SEMINAR. PHI1 199 \*MAY BE REPEATED. **±0 TO 9 HOURS** NOTE: REQUESTS FOR ACTIVATION OF THIS COURSE MAY BE MADE BY STUDENTS OR BY FACULTY AND SHOULD BE DIRECTED TO THE CHAIRMAN OF THE PHILOSOPHY DEPARTMENT. 57787 CONF COURSES FOR ADVANCED UNDERGRADUATES PHIL 291 READING COURSE.

PHIL 291 READING COURSE.

PREREQUISITE: OPEN TO JUNICRS AND SENIORS WITH A GENERAL GRADEPOINT AVERAGE OF 4.0, DNLY BY PRIOR ARRANGEMENT WITH A REGULAR
MEMBER OF THE STAFF AND WITH CJNSENT OF THE CHAIPMAN OF THE
DEPARTMENT.

\*COURSE MAY RE PEPEATED TO A TOTAL OF 4 HOURS CREDIT.

\*2 TO 4 HOURS
57795 CONF ARR

PHIL 292 THESIS.

PREREQUISITE: JPEN TO SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0, ONLY BY PRIOR ARPANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.

\*COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.

\*2 TO 4 HOUPS
57809 CONF ARR

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOPHOMORE JAMES SCHOLARS WHO HAVE HAD NO PHILOSCPHY COURSES ARE PERMITTED TO TAKE PHIL. 303, 306, 307, AND 304. THOSE WHO HAVE HAD A PHILOSCPHY COURSE MAY TAKE ANY 300-LEVEL PHILOSCPHY COURSE.

PHIL	304 HIS	STORY OF MED	TEVAL PH	ILO SGPHY						
	PREREQUI	ISITE: PHIL. OR 3/4 OP : LECT-DISC	101 OR	303.						
	57917	LECT-DISC		10	M W	F	327	G H		WENGERT
PHIL	306 Н1	STIRY OF MUDI	EPN PHIL	GSJPHY.						
	4 HAURS # SECTION		GRADUAT	E STUDENT	IS. PH	LOSCP	ну ма	JORS.	AND JAMES	
	SCHOLARS		ET1 IS F	OR PHILOS	SCPHY	MAJORS	AND	JAMES	SCHOLARS.	
	57825 57892	LECT	N EEP1	10	TU.	ГН	213	G H		NEELY
	57833	DISC	P2	11		ТН	336	GH		
	57841	DISC	R1	1	TU	Tu.	327	GH		
	57868	DISC	SI	4	TU	8.71	336	GH		
	57876	0110	S2	4	TIL	ТН	336	GH		
	57384	5. SECTION : LECT 915C 915C 915C 915C 915C 915C 915C 915C	T2	3	10	TH	207	G H		
PHIL	310 THE	PHILUSOPHY	CF ARIS	TOTLE.						
	PREREQUI	SITE: PHIL.	101 OF	303.						
	TOPIC: /	RISTATIFIS I	U IUHUASS	GY.						
	57914	LECT-DISC		10-1130	TU	TH	327	G H		WALLACE
PHIL	311 PHI	LOSOPHIC IDE	EAS OF T	HE NINETE	ENTH (	CENTUR	Υ.			
	PREREQUI	ISTTE: ONE CO	DURSE IN	PHILDSOF	HY (PI	REFERA	BLY 1	01 OR	306).	
	57922	ISTTE: ONE CO OP 3/4 OP 1 LECT-DISC	ONT	1	M W	F	223	GН		SCHACHT
PHIL	321 ETH	HICS AND VALU	JE THEOR	Υ.						
	DRERE QUI	ISITE: ONE CO	TUPSE IN	PHILOSOF	PHY.					
	57931	L FCT-DISC	UNII	11	M W	F	311	G H		DIGGS
PHII	324 PH1	LISUPHY OF F	RELIGION							
	PRERE QUI	SITE: ONE CO	BURSE IN	PHILISOF	HY.					
	3 H 1URS:	ISITE: ONE CO OR 3/4 OR I	TINU	10	мы	F	207	G H		CHANDLER
		220. 3130					201	0		OHANDEEN
PHII	227 PHI	L JSOPHY OF S	CIENCE:	ADVANCED	SHRVE	Y .				
	PREREQUI	SITE: PHIL.	170 OR .	JUNIOR ST	ANDING	OR P	ERMIS	SION C	F	
	INSTRUCT	OR. 1 UNIT								
	57957	LECT-DISC		11	M W	F	336	GH		NICKLES
PHIL	334 SYM	BOLIC LOGIC	11.							
	PREREQUI	SITE: PHIL.	333.							
	57965	SITE: PHIL.  OP 3/4 OP : LECT-DISC	LUNII	11	M W	F	327	GH		TURQUETTE
PHIL	338 PHI	L ISOPHIES OF	LANGUA	CF						
	SAM	LISOPHIES OF E AS LING. : SITE: ONE CO	328.							
	PRESEDUI	SITE: ONE CO	TURSE IN	PHILOSOF	HA.					
	57973	DR 3/4 OR 1 LECT-DISC		3	M W	F	327	GH		FABER
PHIL	340 THE	PHILOSOPHY	OF ALFR	HTROV CE	WHITE	HEAD.				
	PRERFQU1	SITE: ONE CE	DURSE IN	PHILOSOP	HY.					
	57981	LECT-DISC	UNII	830-10	TU 1	ľΗ	223	GH		TIEBOUT
PHIL	341 EXI	STENTIAL PHI	LO SOPHY.							
					HY (PE	PEFERA.	BLY 3	11) OR	CONSENT	
	JE THE I 3 HOURS.	NSTRUCTOR. DR 3/4 OR 1 LECT-DISC	UNIT							
	57396	LECT-DISC		10	м ж	F	311	GH		SCHACHT
PHIL	361 00%	PARATIVE REL	IGIONS:	THE PELI	GIONS	OF THE	EAS	Τ.		
	PRERF JUL	SITE: ONE CO OR 3/4 OR I LECT-DISC	JURSE IN	PHILOSOP	HIY .					
	581115	LECT-DISC	0.11	10	Y W	F	321	GH		ROBISON

#### COURSES FOR GRADUATES

PHIL 405 SEVENTEENTH-CENTURY CONTINENTAL THOUGHT (DESCARTES, SPINOZA, LEIBNIZ). \*MAY BE REPEATED FOR CREDIT. #1 UNIT 58014 LECT-DISC 730-930PM TH 402 G H SHAPIRA 411 SEMINAP IN RECENT ETHICAL THEORY. \*MAY BE REPEATED FOR CREDIT. \*1 UNIT PHIL 411 DIGGS 58022 LECT-DISC 3-5 TH 402 G H PHIL 412 SEMINAR IN SOCIAL PHILUSOPHY.
\*MAY BE REPEATED FOR CREDIT. \*1 UNIT 2-4 TU 402 G H 58031 WERNER 13 LOGICAL THEORY. PREFEQUISITE: A COURSE IN LOGIC OF CONSENT OF INSTRUCTOR. #MAY BE REPEATED FOR CREDIT. PHIL 413 \*1 UVIT 58149 TURQUETTE LECT-DISC 730-930PM W 402 G H PHIL 415 SEMINAR IN METAPHYSICS. \*MAY BE REPEATED FOR CREDIT. \*1 UNIT TOPIC: PROPERTIES. 58057 LECT-DISC 1-3 M 402 G H STALNAKER PHIL 420 SEMINAR IN SEMANTICS
SAME AS COMM. 420.

PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT. \*MAY BE REPEATED FOR CREDIT. #1 UNIT 1-3 TH 402 G H 21 SEMINAR IN CONTEMPORARY PROBLEMS. \*MAY 95 REPEATED FOR CREDIT. PH11 421 \*1 UNIT 58073 LECT-DISC A 4-6 TU 402 G H 58081 LECT-DISC B 3-5 M 402 G H SELL ARS CATON 423 SEMINAR IN THEORY OF KNOWLEDGE.

1 UNIT
58090 LECT-DISC A 3-5 W 402 G H
58103 LECT-DISC B 730-930PM TU 402 G H WILL SUPPE 425 SEMINAR IN THE PHILOSUPHY OF MIND.

\*MAY BE REPEATED FOR CREDIT.

\*1 UNIT

58111 LECT-DISC 1-3 W 402 G H PH11 425 MACKAY PHIL 483 INDIVIDUAL TOPICS. \*NOT MORE THAN 1 UNIT MAY BE COUNTED TOWARD M.A. DEGREE AND NOT MURE THAN 2 TOWARD PH. D. \*1/2 OR 1 UNIT 8120 CONF 58120 ARR

ARR

PHIL 499 THESIS RESEARCH.

0 TO 4 UNITS
58138 CONF

## PHYSICAL EDUCATION FOR MEN

#### BASIC INSTRUCTION COURSES

DEPARTMENT OFFICE

201 M O G

MEN ENTERING THE UNIVERSITY WITH LESS THAN SIXTY SEMESTER HOURS OF CREDIT (FXCEPT VETERANS WHO RECEIVE CREDIT BECAUSE OF MILITARY CREDIT FEXCEPT VETERANS WHO RELEIVE CREDIT BECAUSE OF MILITARY
SERVICE, BUT WHO MAY ELECT TO TAKE PHYSICAL EDUCATION) ARE REQUIRED
TO CHTAIN CREDIT FOR FOUR SEMESTERS OF PHYSICAL EDUCATION,
INCLUDING THE AMOUNT TRANSFERRED. CHEDIT MAY BE OBTAINED BY
PASSING COURSES LISTED BELOW OR BY PASSING PROFICIENCY
EXAMINATIONS WHICH ARE OFFERED AT TIMES SPECIFIED BY DEPARTMENT. PERMITS FOR TAKING PROFICIENCY EXAMINATIONS MUST BE SECURED IN ROOM 201 MEN'S DED GYMNASIUM NOT LATER THAN 24 HOURS PRECEDING EACH EXAMINATION. STUDENTS ENROLLED IN PRESCRIBED EXERCISE ARE NOT PREMITTED TO TAKE PROFICIENCY EXAMINATIONS WITHOUT SPECIAL WRITTEN PREMISSION FROM THE COUPDINATOP OF PRESCRIBED EXERCISE.

#### COURSES FOR UNDERGRADUATES

NOTE: MOST PEM PASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES TO FACILITATE REGISTRATION OF ADVANCE ENROLLED STUDENTS IN BASIC INSTRUCTION COURSES. THESE SEQUENCES ARE AS FOLLOWS:

SEQUENCE 1 - PFM 118, 120 SEQUENCE 2 - PEM 115, 127, 129, 130 SEQUENCE 3 - PEM 123, 128, 134, 135, 137, 145 SEQUENCE 4 - PEM 133, 136, 142, 143 SEQUENCE 5 - PEM 112, 132, 138

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL RESCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

#### P E M 100 FOUNDATIONS OF PHYSICAL ACTIVITY. 1 HOUR

EACH STUDENT MUST REGISTER IN ONE LECTURE SECTION AND ONE

LAB	SECTI IN.						
58146	LECT	118	11	TU		66	LIB
58154	LFCT	2 B	2	TU		101	ARMORY
58162	LECT	3 C	3	W		100	G H
58171	LECT	100	10		TH	66	LIB
58189	LAB	В	9	M	F	310	M O G BALC
58197	LAB	C	10	M	F	310	M O G BLAC
58201	ŁAB	C	1.1	М	F	310	M O G BALC
59219	LAB	F	1	19	F	310	M O G BALC
58227	LAB	G	2	26	F	310	M O G BALC
58235	LAB	H	3	M	F	310	M O G BALC
58243	LAB	μ	9	TU	TH	310	M G G BALC
58251	LAB	N	10	TU	TH	310	M O G BALC
58260	LAB	V	11	TU	TH	310	M O G BALC
58278	LAd	Q	1	TU	TH	310	M O G BALC
58286	LAB	P	2	TU	TH	310	M O G BALC
58294	LAB	C	3	T11	TH	310	MOGBALC

## P F M 101

PRESCRIBED EXERCISE.

PREREQUISITE: ASSIGNMENT BY THE HEALTH SERVICE.

STUDENTS MAY ACCUMULATE 3 HOURS.

1 HOUR

\*SECTION X IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS.

58308	LAB	R	ARR	106	MOG ANNEX
58316	LAB	C	ARR	106	MOG ANNEX
58324	LAB	D	ARR	106	MOG ANNEX
58332	LAB	F	ARR	106	MOG ANNEX
58341	LAB	G	ARR	106	MOG ANNEX
58359	LAB	* X	APR	REHAB	CENTER

## P E M 105

WEIGHT CONTROL.

PREREQUISITE: APPROVAL OF DEPARTMENT AT REGISTRATION. 1 HOUR

58367 LAB

M W F 312SE M O G 11

```
DEVELOPMENTAL ACTIVITIES.
           PREREQUISITE: P. E. M. 100, FOUNDATIONS OF PHYSICAL ACTIVITY.
            1 HOUR
            *MUST HAVE PERMISSION OF BASIC INSTRUCTION DIRECTOR.
                               A
B
C
          58375
                   LAB
                                                8
                                                        M W F ARMORY FLOOR
M W F ARMORY FLOOR
         58383
                       LAB
                                                                        ARMORY FLOOR
         59391
                       1 AB
                                               10
                                                           Μ
                                                              W
                                                                  F
                                                                  F
                                                                       ARMORY FLOOR
         58495
                      LAB
                                     D
                                               11
                                                           ч
                                                           MITUWITHE
                                   *.1
                                                                       WEST STADIUM
         58413
                      1 AB
P F M 107 BEGINNING SWIMMING.
           PREREQUISITE: NON-SWIMMER. THUSE WHO CANNOT SWIM 25 YARDS INCLUDING A CONFIDENCE STUP FUR IN SECONDS.
         THE WATER.

59421 LAB

LAB
            *SECTION H DESIGNED ESPECIALLY FOR THOSE STUDENTS WITH A FEAR
                                     С
                                                10
                                                                          212
                                                          M W M
                                                                         212
                                                                               M O G POOL
                                    D
                                               1.1
         58448 LAB
58499 LAB
58456 LAB
58464 LAB
58472 LAB
58481 LAB
                                    F
*H
                                                                  F
                                                                               M O G POOL
                                                                         212
                                                 3
                                                                                M O G POOL
                                   M
V
R
                                                           TU TH
                                                                                M O G POOL
                                                9-1015
                                                                         212
                                              11-1215
                                                                         212
                                                                               M U G POOL
                                                          TU TH
                                               2-315
                                                                         212 M O G POOL
                                                            TU TH
                                                                         212
           S INTERMEDIATE SWIMMING.
PREFEQUISITE: SWIM 25 YARDS INCLUDING A CONFIDENCE STUP FOR 10
SECONDS, BUT ARE NOT QUALIFIED FOR P. E. M. 139 DR P. E. M. 110.
P F M 108
           1 HOUR
         58502
                                   A A1 61 6 H1 J L N G S1 T
                       LAR
                                                                         212
        58502 LAR
58511 LAB
58524 LAB
58525 LAB
58563 LAB
58563 LAB
58561 LAB
5857C LAB
58588 LAB
58580 LAB
5850C LAB
                                                         M W F M W F M W F M W F M W F
                                                3
                                                                         112 H G POOL
                                                9
                                                                         112
                                                                               M O G POOL
                                               2 3 4
                                                                         212
                                                                                M O G POOL
                                                                         112
                                                                                H G POOL
                                                                         212
                                                                               M O G POOL
                                                8-915
                                                          TU TH
                                                                         212
                                                                               M O G POOL
                                               10-1115
                                                                               M O G POOL
                                                           TU TH
TU TH
TU TH
                                                                         212 M O G POOL
112 H G POOL
                                                1-215
                                                 3-415
                                                4-515
                                                                         212 M U G PUOL
                 AQUATIC SPORTS.
          PREREQUISITE: ABILITY TO SWIM ONE MILE NON-STOP INCLUDING
           100 YARDS EACH IN GOOD FORM -- CRAWL, BACK CRAWL AND BREASTSTROKE
           -- AND 20 YARDS UNDERWATER.
           1 HOUR
         58618 LAB
                                              8-915 TU TH 112 H G POOL
1-215 TU TH 112 H G POOL
                                   0
P E M 110
                 LIFE SAVING.
           PREREQUISITE: ABILITY TO SWIM 1/2 MILE NUN-STOP INCLUDING 100
           YAPOS EACH IN GOOD FORM--SIDESTROKE, BREASTSTROKE AND FRONT
           CRAWL -- AND 20 YARDS UNDERWATER.
         1 H LAD
58634 LAB
58642 LAB
           1 HOUR
                                                          M W F
M W F
M w F
                                               1.0
                                                                         112
                                                                              H G POOL
                                                                  F
                                    D
                                                                        112 H G POOL
                                              1.1
                                     E
                                                1
           MATER SAFETY. A. R. C. INSTRUCTUR TRAINING.
PREFEQUISITE: STRONG SWIMMERS WHO HAVE A CURRENT AMERICAN RED
CROSS SR. LIFE SAVING AUTHORIZATION CARD.
           1 HOUR
         58669 LAB
58677 LAB
LAB
                                     В
                                               9 M W F 112
10-1115 TU TH 112
11-1215 TU TH 112
                                                                              H G POOL
                                                                         112 H G POOL
                                    N
                TUMBLING AND FREE EXERCISE.
           1 HOUR
           NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
           INSTRUCTION COURSES.
         58693 LAB
58707 LAB
58715 LAB
                                                          M W F
M W F
M W F
                                                9
                                                                         312NF M O G
                                                                         312NE M O G
312NE M O G
                                    C
                                               1.0
                                                                  F
                                    D
                                               11
P E M 114 APPARATUS STUNTS.

1 HOUR

58723 LAB N

58731 LAB V
                                          10-1115 TU TH 312NE M O G
11-1215 TU TH 312NE M O G
                    LAB
```

```
P F M 115 THOUR
                             IN AMPLLINE AND DOUBLES TUMBLING.
                     NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
                      INSTRUCTION COURSES.
                 58741 LAB
58758 LAB
                                                                                                            M W F
                                                                                                                                        312NE M O G
                                                                                           9-1015
                                                                                                                                        312NE M 0 G
                               BASIC MOVEMENT.
                     PREREQUISITE: MUSIC MAJIP.
                      1 HOUR
                      *MEETS WITH P. E. W. 100, SECTION U.
755 LAB *G 2 M W F
                                                                                                                                     311 FREER GYM
                 52745
P F M 114 WE
                                WRESTLING.
                     TITE: BEFORE ENROLLING, SEE NUTE AT BEGINNING OF BASIC
                INSTRUCTION COURSES.
58774 LAB N 19-1115 TU TH
58782 LAB R 2-315 TU TH
                                                                                                                                       115 MOG ANNEX
                                                                                                                                       115
                                                                                                                                                    MUG ANNEX
PEM 119 FIT HOUR
                             FOIL FENCING.
                 58791
                                          LAB
                                                                                       1 1
                                                                                                                                        302
                                                                                                                                                    H C
                5 4 3 0 4
                                                                                       11
                                                                                                             M W
                                                                                                                           E
                                         LAB
                                                                  D
                                                                                                                                        302
                                                                                                                                                    H G
                                       LAS
                                                                                                                            E
                                                                                                                                        302
                                                                                                                                                   H G
P F M 120
                            PERSONAL DEFENSE ACTIVITIES.
                    1 HOUR NITE: REFORE ENROLLING, SEE NITE AT REGINNING OF BASIC
                                                                                      8 M W F 115
10 M W F 115
11 M W F 115
12 M W F 115
1 H W F 115
3 M W F 115
8-915 TU TH 115
12-115 TU TH 115
12-115 TU TH 115
1-215 TU TH 115
                                 LAB
                 58821
                                                                                                                                                    MOG ANNEX
                                                                                                                                        115
                                                                    (
                58839
                                          IAB
                                                                                                                                                    MOG ANNEX
                 56347
                                         LAB
                                                                                                                                                    MIC ANNEX
                                  LAB E LAB F LAB H LAB LAB V LAB P LAB Q
                58855
                                                                                                                                                    MOG ANNEX
                 53363
                                                                                                                                                    MOG ANNEX
                58871
                                                                                                                                                    MOG ANNEX
                54440
                                                                                                                                                    MOG ANNEX
                53978
                                                                                                                                                    MOG ANNEX
                58901
58910
                                                                                                                                                    MOG ANNEX
                                                                                                                                                    MOG ANNEX
P F M 123 WT
                                 WEIGHT TRAINING
                     NOTE: BEFORE ENROLLING, SEE NUTE AT BEGINNING OF BASIC
                     RESIDENCE HALLS.
                54928
                                 LAB
                                                                                                                                        114
                                                                                                                                                  MOG ANNEX
                59061
                                         LAB
                                                                  *B1
                                                                                          9
                                                                                                                    W
                                                                                                                            F
                                                                                                                                          38B OGLESBY
                                                                                                           E 8436
                                                                  C
                                                                                                                                        114
                                         LAB
                                                                                       16
                                                                                                                                                    MOG ANNEX
                58944
                                          LAB
                                                                                                                                        114
                                                                                                                                                    MOG ANNEX
                                                                                       1 3
               AB LAB LAB S8987 LAB S9010 LAB S9010 LAB S9010 LAB S9010 LAB S9010 LAB S90147 LAB S90144 LAB S90144
                                         LAB
                                                                  *D1
                                                                                                                                          388 OGLESBY
                                                                                       1.1
                                                                   F
G
                                                                                                                                         114 MOG ANNEX
                                                                                        2
                                                                                                                                                    MOG ANNEX
                                                                                        3
                                                                                                                                        114
                                                                                                           M W F 114 MGG ANNEX
M W F 114 MGG ANNEX
TU TH 38B GGLESBY
TU TH 114 MGG ANNEX
TU TH 38B GGLESBY
                                                                  Н
                                                                   J
                                                                                        9-1015
                                                                                       10-1115
                                                                  ∨
Q
≠Q1
                                                                                       11-1215
                                                                                         1-215
                                                                                          1-215
                                                                   E
                                                                                          2-315
                                                                   S
                                                                                          3-415
                                                                                         4-515
                                                                                         4-515
                                                                  * T 1
P F M 124 TO
L HOUR
                                TRACK AND FIELD ATHLETICS.
                     NOTE: HEFTRE ENPOLLING. SEE NOTE AT BEGINNING OF BASIC
                     INSTRUCTION COURSES.
                     THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE
                     THESE CLASSES MEET INITE A WEEK FOR ONE HOUR AND JOURNALD JOURNALD LIAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.

109 IAB FF 1-3 M W EAST ILL FIELD
                                LAB
                                                                  FF 1-3 M W EAST ILL FIELD
HH 3-5 M W EAST ILL FIELD
CQ 1-3 TU TH EAST ILL FIELD
SS 3-5 TU TH FAST ILL FIELD
                                                                    FF 1-3
                59109
                59117
                                         LAB
                                 LAB
                59133
                     NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY MEN'S OLD
```

GYY AWYEX.

```
P & M 128
                   SOCCER.
           1 HOUR
            NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
             INSTRUCTION COURSES.
             THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE
             LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.
                                                8-10
                   LAB
                                                                                GREGORY FIELD
          59141
                                         AA
                 LAB AA 9-10 M W GREGORY FIELD
LAB HH 3-5 M W FLD A H G
LAB CC1 10-12 M W GREGORY FIELD
LAB FF 1-3 M W FLD A H G
LAB FF1 1-3 M W GREGORY FIELD
LAB LL 8-10 TU TH FLD A H G
LAB LL 8-10 TU TH FLD A H G
LAB LL 8-10 TU TH FLD A H G
LAB NN 10-12 TU TH FLD A H G
LAB NN 10-12 TU TH GREGORY FIELD
LAB NN 10-12 TU TH GREGORY FIELD
LAB QQ 1-3 TU TH GREGORY FIELD
LAB QQ 1-3 TU TH GREGORY FIELD
LAB QQ1 1-3 TU TH GREGORY FIELD
LASS MERTING WILL BE IN FAST BALCONY. HUFE GWM.
          59150
          59168
          59176
          59184
          59192
          59206
          59214
          59272
          59231
             NOTE: FIRST CLASS MEETING WILL BE IN EAST BALCONY, HUFF GYM.
P F M 129 VI
I HOUR
                   VOLLEYBALL.
            INSTRUCTION COURSES.

*SECTIONS X AND X1 MEET WITH P. E. w. 124.

2257 LAB 8 9-1015 M W

2265 LAB C 10-1115 M W

2273 LAB D 11-1215 M W

2281 LAB F 1-215 M W

2290 LAB G 2-315 M W

2303 LAB H 3-415 M W

2301 LAB L 8-915 TU TH

23020 LAB M 9-1015 TU TH

2338 LAB O 1-215 TU TH

2346 LAB S 3-415 TU TH

2357 LAB X 7-815 PM TU TH
             INSTRUCTION COURSES.
                                                                              105 MOG ANNEX
105 MOG ANNEX
          59257
          59265
          59273
                                                                                  105
                                                                                         MOG ANNEX
          59281
                                                                                  105
                                                                                         MUG ANNEX
          59290
                                                                                 105
                                                                                         MOG ANNEX
          59303
                                                                                 105
                                                                                         MOG ANNEX
          59311
                                                                                  105
                                                                                         MOG ANNEX
          59320
                                                                                 105
                                                                                         MUG ANNEX
                                                                                  105
                                                                                         MOG ANNEX
          59338
          59346
                                                                                  105
                                                                                         MOG ANNEX
                                                                                 105
          59354
                                                                                         MOG ANNEX
          59362
                                                                                  218
                                                                                         E 8
          59371
                                                                                 218
P E M 130
                   BASKETBALL.
            PREREQUISITE: NO PLAYING EXPERIENCE IN ORGANIZED BASKETBALL.
            1 HOUR
             NOTE: BEFORE ENPOLLING, SEE NOTE AT BEGINNING OF BASIC
             INSTRUCTION COURSES.
          59389 LAB N
59397 LAB V
                                                   10-1115 TU TH 105 MOG ANNEX
                                                 11-1215 TU TH 105 MUG ANNEX
2-315 TU TH 105 MOG ANNEX
          59401
                                        R
                        LAB
P F M 132
                  ARCHERY.
           1 HOUR
             *MEETS WITH P. E. W. 135.
NOTE: BEFORE ENROLLING, SEE NOTE AT REGINNING OF HASIC
             INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE
            LAST HALF OF THE SEMFSTEP BEGINNING ON MONDAY, APRIL 12, 1971.
          59435 LAB
                                     *D 11
                                                                 MIUWIH
                                         FF
          59419
                        LAB
                                                      1-3
                                                                 M W
                                                                               ARCHEPY RANGE
                                                                  TU TH
          59427
            9427 LAB QQ 1-3 TU TH ARCHERY RANG
NUTE: FIRST CLASS MEETING FUR SECTIONS OF AND QQ WILL BE IN
                                                                                ARCHERY RANGE
             FAST BALCINY, MEN'S CLD GYM ANNEX.
P F M 133
                   SQUASH RACQUETS.
             1 HOUR
            NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
            NOTE: BFFORE ENRIES.
INSTRUCTION COURSES.
          59443
                        LAB
                                                     3-415 TU TH
P F M 134
                   HANDBALL .
            1 HOUR
            NOTE: BEFORE EMPOLLING, SEE NOTE AT BEGINNING OF BASIC
             INSTRUCTION COURSES.
             *SECTION F BEGINS INSTRUCTION ON MCNUAY, APRIL 12, 1971.
                   LAB B
LAB C
LAB D
                                                      ) M W F
10 M W F
          59451
                                                                                 84
          59460
                                                     10
                                                                                   84
                     LAB
LAB
LAB
LAB
LAB
LAB
LAB
LAB
LAB
          59478
                                                    11
                                                                                   84
                                                                                        H G
          59541
                                       * F
                                                                 MTUWTH
                                                                                   84
          59486
                                      Н
                                                                 M W F
                                                      3
                                                                                   84
                                      L 8-915
M 9-1015
N 10-1115
V 11-1215
P 2-315
          59494
                                                                                   94
                                                                TU TH
TU TH
TU TH
TU TH
          59508
                                                                                  84 H G
```

84 H G 84 H G

59516 59524

59532

```
TENNIS.
P E M 135
           1 H JUR
           NOTE: BEFORE ENPOLLING, SEE NOTE AT BEGINNING OF BASIC
           THESE CLASSES MEET THICE A WEEK FUR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.
          *MEETS WITH P. F. W. 135.
        59559
                    LAB
                                   ΔΔ
                                                                     GREG DRIVE CTS
                                                       M W W W W W
        59567
                      LAB
                                   AAI
                                              8-10
                                                                     STADIUM CTS E
                                   ВВ
         59575
                      LAB
                                               9-11
                                                                     H G CCURTS
        59583
                      LAR
                                             10-12
                                                                     GREG DRIVE CTS
                                   CC
        59591
                      LAB
                                    CCI
                                          10-12
                                                                     STADIUM CTS E
                                                        9
9
M
                      LA8
                                   OO
                                                                     H G COURTS
                                                            w
                                              12-2
         59613
                      LAB
                                   EE
                                                                     GREG OF IVE CTS
                                                            wi
         59621
                     LAB
                                   EF
                                               1-3
                                                                     STADIUM CIS E
                                                            W
        59630
                                               3-5
                                                        M
                     1 AB
                                   НН
                                                            W
                                                                     STADIUM CTS E
                                                       TU TH
TU TH
TU TH
                                               8-10
                                                                     GREG DRIVE CTS
         50648
                      LAB
                                   LL
         59656
                                   LL1
                                                                     STADIUM CTS F
                     LAB
                                              8-10
        59664
                      LAB
                                   MM
                                   9-11
NN1 10-12
VV 11-1
                                               9-11
                                                                     H G COURTS
                                                         TU TH
        59672
                     LAB
                                                                     GREG GRIVE CTS
        59681
                      LAB
                                                          TU TH
                                                                     STADIUM CTS E
        59699
                      LAB
                                                          TU TH
                                                                     H G COURTS
         59702
                      LAB
                                   00
                                              1-3
                                                          TU TH
                                                                     GREG DRIVE CTS
        59711
                      LAB
                                   001
                                               1-3
                                                                     STADIUM CTS E
                                                          TU TH
                                                                     STADIUM CTS E
         59729
                      LAB
                                   551
                                               3-5
                                                          TU TH
                                               6-730PM TU TH
         59737
                     1 48
                                  * X X
                                                                     H G COURTS
                                            320-405
                                                        MIHWIH
         59745
                     LAB
                                  *YY
                                                                     COURTS FREER GYM
          MOTE: FIRST CLASS MEETING WILL BE HELD IN NORTH
BALCTY HOFF GYM, EXCEPT FOR SECTIONS XX AND YY.
MEET IN 207 FREER GYM AND YY IN 207B FREER GYM.
                                                                         SECTION XX WILL
P E M 136
                BADMINION.
          1 HOUR
           NOTE: BEFORE ENROLLING. SEE NOTE AT BEGINNING OF BASIC
           INSTRUCTION COURSES.
          THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE
LAST HALF OF THE SEMESTER REGIONING ON MONDAY, APRIL 12, 1971.
*SECTIONS RR AND NN MEFT THE FIRST EIGHT WEEKS OF SEMESTER.
        59753
                                                                      100 H G
                     L AB
                                   AA
                                               9-10
                                                        M W
        59761
                     LAB
                                   CC
                                             17-12
                                                         м
                                                                       100
                                                                            H G
        59770
                     LAB
                                   LL
                                               8-10
                                                         TU TH
                                                                       100
                                                         TU TH
                                                                      100 H G
        59796
                     LAB
                                   *NN
                                              10-12
        59788
                     LAB
                                   0.0
                                              1-3
        59800
                     LAB
                                  *RR
                                               2-4
                                                          TU TH
```

PF	M 137 F	BOWLING.					
	1 HOUR	}					
	*MEETS	S WITH P. E	. W. 132.				
	ALLEY	SFRVICE CH	AFGE IS \$	7.50.			
	59818	LAB	L	8	TU TH	60	IU ALLEYS
	59826	LAB	L1	8	TU TH	60	IU ALLEYS
	59834	LAB	M	9	TU TH	60	IU ALLEYS
	59842	LAB	M1	9	TU TH	60	IU ALLEYS
	59851	LAB	N	10	TU TH	60	IU ALLEYS
	59869	LAB	N1	10	TU TH	6 C	IU ALLEYS
	59877	LAB	*V	11	TU TH	60	IU ALLEYS
	5 7885	LAB	*D	1.1	4 W	60	IU ALLEYS
	59893	LAB	*Q	1	TU TH	60	IU ALLEYS
	E0207	I A D	* E	1	M sal	40	THE ALL EVE

60 IU ALLEYS 59307 LAB P F M 138 G 1 HTUR STUDENT IS RESPONSIBLE FOR GETTING TRANSPORTATION TO AND FROM THE GOLF RANGE ON RT. 45 NORTH. MAY PROVIDE OWN CAR OR RIDE WITH CL ASSMATE. NOTE: BEFORE ENROLLING, SEE NOTE AT REGINNING OF BASIC

INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE

LAST	HALF OF THE	SEMESTER	BEGINNING	ON MONDAY,	APRIL 12	1971.
59915	LAB	AA	8-10	M W	ROUTE 45	NORTH
59923	LAB	8 B	9-11	M W	ROUTE 45	NORTH
59931	LAB	CC	10-12	M W	ROUTE 45	NORTH
59940	LAB	DD	11-1	Y W	ROUTE 45	NORTH
59958	LAB	EE	12-2	M W	ROUTE 45	NORTH
59966	LAB	LL	8-10	TU TH	ROUTE 45	NORTH
59974	LAB	MM	9-11	TU TH	ROUTE 45	NORTH
55982	LAB	NN	10-12	TU TH	ROUTE 45	NORTH
59991	LAB	VV	11-1	TU TH	ROUTE 45	NORTH
NOTE:	FIRST CLASS	MEET ING	WILL BE H	ELD IN WEST	BALCONY .	HUFF GYM.

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P E M 139 GOLF, II.

SAME AS P. E. W. 139.

PRESEQUISITE: P. E. M. 138 CR P. E. M. 131, AND CONSENT OF
             INSTRUCTOR.
             1 H7UR
            IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF. $18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND REUND TRIP TRANSPURTATION FROM FREER GYM TO PAR 3 CN U. S. ROUTE 45 SOUTH.

CLASSES BEGIN ON MONDAY, APRIL 12, 1971. FIRST CLASS MEETING
             WILL BE HELD IN 130 FREER GYM.
                                                 GYM.
4-6 M W
4-6 IU TH
                        LAB JJ
          60009
                                                                                 PAR3 RT 45 SOUTH
          60017
                         1 48
                                                                                PAR3 RT 45 SOUTH
            CANCEING AND SMALL CRAFT OPERATION.

PREREQUISITE: ABILITY TO JUMP OR DIVE INTO DEEP WATER

WHILE CLOTHED AND MAINTAIN A SURVIVAL POSITION FOR TEN MINUTES.
P E M 140
             1 HOUR
             REGISTRATION IS LIMITED TO STUDENTS WITH FREE PERIOD
             PRECEDING THE COURSE HOUR.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE
             LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.
                                                 1-3
3-5
                   LAB FF
                                                                                 CRYSTAL LAKE
          60033
                                                                                 CRYSTAL LAKE
                         LAB
                       LAB
                                         QQ
                                                    1-3 TO TH CRYSTAL LAKE
3-5 TO TH CRYSTAL LAKE
          60041
          60050
                                          SS
                         LAB
             NOTE: FIRST CLASS MEETING WILL BE HELD IN 202 MEN'S DLD GYM.
P E M 142 BALLROOM DANCE.
            1 HOUR
             NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
             INSTRUCTION COURSES.
MEETS WITH P. E. W. 142.
                                      H 3 M W
J 4 M W
X 630PM M W
XI 730PM M W
M 9 TU TH
V 11 TU TH
Y 630PM TU TH
Y1 730PM TU TH
         WEETS WITH P. E. 1
6076R LAB
60076 LAB
60092 LAB
60106 LAB
60114 LAB
60112 LAB
601131 LAB
60149 LAB
60149 LAB
60147 LAB
                                                                                   302 H G
                                                                                    6 OGLESBY
                                                                                     6 OGLESBY
                                                                                  302
                                                                                          H G
                                                                  TU TH
TU TH
TU TH
                                                                                  392
                                                                                          H G
                                                                                  302
                                                                                          H G
                                                                                   6 OGLESBY
P F M 143
                    AMERICAN SQUAPE DANCE.
            1 HOUR
            NOTE: BEFORE EMPOLLING, SEE NOTE AT BEGINNING OF BASIC COURSES.

WEETS WITH P. E. W. 143.

165 LAB S 3 TU TH 302 H
                                                 3
                                                                  TU TH 302 H G
          60165 LAB
              TECHNIQUES IN ANGLING.
                    SAME AS P. E. W. 144.
             1 H-JUP
            THIS CLASS MEETS MONCAY THROUGH FRIDAY FOR THE LAST HALF
OF THE SEMESTER BEGINNING ON MONDAY, APRIL 12, 1971.
D173 LAB G 2 MIUWTHF 120N ICE
          60173
                                                                                120N ICE RINK
P E M 145 FIGURE SKATING.
             1 HOUR
            NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC
            INSTRUCTION COURSES.

MEETS WITH P. E. W. 145.
ALL SECTIONS ARE CO-FOUCATIONAL.

THESE CLASSES MEET MONDAY THROUGH FRIDAY FOR THE FIRST HALF
                                      A 8 9 C 10 D 11 E 12 F 1 G 2
            OF THE SEMESTER.
                   LAB
                                                                                 120N ICE RINK
          60191
                                                                  MIUWIHE
          60190
                         LAB
                                                                  MIUWIHE
                                                                                   120N ICE RINK
                        LAB
LAB
LAB
          60203
                                                                  MTUWTHE
                                                                                   120N ICE RINK
          60211
                                                                                120N ICE RINK
120N ICE RINK
120N ICE
                                                                  MIUWIHE
          60220
                                                                  MIUWIHE
          60238
                                                                  MTUWTHE
          60246
                        LAB
                                                                  MIUWIHE
                                                                                   120N ICE RINK
```

F M 146 DIVING

PREADUISITE: OPEN CNLY TO STUDENTS WHO SWIM 50 YARDS IN GOOD FORM.

1 HOUR
60254 LAB M 7-1015 TU TH H G POOL

TENNIS, II. P F M 147 PREREQUISITE: P. F. M. 135 OR P. F. W. 136 AND/OR CONSENT OF INSTRUCTOR. 1 HOUR THESE CLASSES MEET TWICE A WEEK FUR ONE HOUR AND 30 MINUTES FOR THE LAST EIGHT WEEKS OF THE SEMESTER BEGINNING ON MONDAY, APFIL 12, 1971. 60262 GG 2-4 M W GREG CRIVE CTS
QQ 1-3 TU TH H G COURTS
SS 3-5 TU TH GREG DRIVE CTS LAB 60271 LAB LAB 60289 \*NOTE: FIRST CLASS MEETING WILL BE HELD IN NORTH BALCONY, HUFF GYM. PRIFFSSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR MEN DEPARTMENT DEFICE 119 H G COURSES FOR UNDERGRADUATES 5 н л де д — 1.71<u>д</u> INTRIDUCTION TO PHYSICAL EDUCATION. 63237 LECT-DISC C2 M W F 209 H G M W 207 H G F 209 H G 10 60301 10 P F M 151 SEGINNING BASKETBALL. 2 HOURS FIRST HALF OF SEMESTER ENDING FRIDAY, APRIL 2.

60319 LAB-DISC AA1 8-10 MTUMTHE 209 H G
60327 LAB-DISC AA2 8-10 MTUMTHE 209 H G
VOTF: INSTRUCTORS WILL SCHEDULE LAB MEETINGS IN 100 H G BY ARRANGEMENT. BEGINNING FOOTPALL. P F M 152 ? HIURS SEC MID HALF OF SEMESTER BEGINNING TUESDAY, APRIL 60335 LAB-DISC AAI 8-10 MTUWTHF 209 H G 60343 LAB-DISC AA2 d-10 MTUWTHF 209 H G NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS ON HUFF GYM FIELDS BY ARRANGEMENT. P E M 153 FITNESS PROGRAMS. PREREQUISITE: CONCURRENT REGISTRATION IN P. E. M. 154. 2 HOURS 2 HOURS
60351 LAB-DISC P1 1 MTUWTHF 209 H G
60360 LAB-DISC R2 1 MTUWTHF 209 H G
WITT: INSTRUCTORS WILL SCHEDULE LAB MEETINGS BY ARRANGEMENT. 4 SWIMMING.
PREREQUISITE: CONCURRENT REGISTRATION IN P. F. M. 153, EXCEPT FOR P F M 154 2 HOURS NON-SAIMMERS SHOULD SIGN UP FOR P. E. M. 107. 60378 LAB-DISC S1 2 MTUWTHF 112 H G POOL 60386 LAB-DISC S2 2 MTUWTHF 112 H G POOL NOTE: FIRST CLASS MEETING FOR BOTH SECTIONS WILL BE IN HUFF GYM POOL -P F M 155 G GYMNASTICS. FIRST HALF OF SEMESTER ENDING FRIDAY, APRIL 2.

60394 LAR-DISC AL 8 MIUNTHE 312NEM 0 G

60408 LAB-DISC A2 8 MIUNTHE 312NEM 0 G

NOTE: INSTRUCTOR WILL SCHEDULF LAR MEETINGS IN MOG BY ARRANGEMENT.

P F M 156 WRESTLING.

1 HOUP
FIRST HALF UF SEMESTER ENDING FRIDAY, APRIL 2.
60416 LAB-DISC B1 9 MTWHTHF 115 MOG ANNEX
60424 LAB-DISC B2 9 MTWHTHF 115 MOG ANNEX
NUTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG ANNEX BY
ARRANGEMENT.

P E M 157 TRACK AND FIFID.

1 HOUR

LECTURE ON FRIDAYS, ALTERNATING WITH PEM 158.

SECOND HALF OF SEMESTER REGINING ON TUESDAY, APRIL 13.

0432 LAB-DISC LL1 8-10 TU THE WEST STADIUM
LL1 S-10 TU THE WEST STADIUM
NOTE: INSTRUCTURS WILL SCHEDULE LAS MEETING ON STADIUM TRACK
BY ARRANGEMENT. FIRST MEETING IN WEST GREAT HALL OF MEMORIAL 60432 LAB-DISC

STADIUM.

P E M 158 BASEBALL.

1 HOUR

LECTURE ON FRIDAYS, ALTERNATING WITH PEM 157.
SECOND HALF OF SEMESTER BEGINNING CN WEDNESDAY, APRIL 14.

60441 LAB-DISC AA1 8-10 M W F 202 M O G 60459 LAB-DISC AA2 8-10 M W F 202 M O G MOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS ON THE BASEBALL

DIAMOND BY ARRANGEMENT.

SPECIAL SPORTS (SOCCER AND VOLLEYBALL). P F M 161

1 HOUR SOCCER BEGINS ON WEDNESDAY, APRIL 14, ON FIELD A, H G. 60467 LAB-DISC CC 10-12 M W 100 H G

P E M 163 S SPECIAL SPORTS (LACROSSE AND HANDBALL).

LACKOSSF WILL BEGIN ON WEDNESDAY, APRIL 8 ON FIELD B, HUFF GYM.
INSTRUCTOR WILL SCHEDULE LAB MFFTINGS ON FIELD B, HUFF GYM.
LACROSSE WILL BEGIN ON MONDAY, APPIL 12.
1475 LAB-DISC FF 1-3 M W 84 H G

60475

P F M 164 SPECIAL SPORTS (GOLF AND FENCING).
SAME AS P. F. W. 164.

1 HOUR

L HOUR GOLF WILL BEGIN 이번 MONDAY, APRIL 12. 1 -3 TU TH 302 H G 60483

P F M 166 FLEMENTARY SCHOOL GAMES.

3 HOURS

\*UNE ADDITIONAL HOUR PEP WEEK CONFERENCE TO BE ARRANGED.

MFFTS WITH P. F. W. 166.
60491 LECT-DISC N
60505 LECT-DISC C
60513 LECT-DISC F **≠9-11** \*9-11 TU TH 11 FREER GYM \*10-12 W F 11 FREER GYM \*1-3 M W 207 H G LECT-DISC

UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED. \*O TO 9 HOURS

SECTION P IS FOR 2 HOURS CREDIT. 1521 LECT-DISC P 10 TU TH 207 H G

COURSES FOR ADVANCED UNDERGRADUATES

P E M 204 ADMINISTRATION OF PHYSICAL EDUCATION.
PREREQUISITE: SENIOR STANDING IN PHYSICAL EDUCATION. 3 HOURS

THIS COURSE WILL NOT MEET DURING THE SIX WEEKS STUDENT TEACHING PERIOD.

11 MTUWTHE 207 H G 60530 LECT-DISC D

P F M 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION AND

RECREATION. 3 HOURS

\*\*SIX ADDITIONAL LABORATORY SESSIONS 3-5 P.M. M. OR 7-9 P.M. TU.
THIS COURSE WILL NOT MEET DURING THE SIX-WFEK
STUDENT TRACHING PERIOD.

**\*10** 60548 LECT-DISC C 60556 LECT-DISC D MTUWTHE 300 H G \*11

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P F M 206 KINESIDLOGY.
                SAME AS P. F. W. 206.
          PREREQUISITE: PHYSL. 103 AND 234.
           3 HOURS
                    LECT-01SC C 8-10 M W 332 ARMORY
LECT-01SC F2 1-3 M W 130 FREER GYM
LECT-01SC P 1-3 TJ TH 130 FREER GYM
        67564
        61572
        60581
P E # 207 PREVENTION AND CARE OF ATHLETIC INJURIES.
          PRESEDUISITE: PHYSL. 103 AND 234.
          3 HTHRS
                             M 9 TU TH 207
M 11-1 TU 448
        63599
                                                                    207 H G
                     LAB
D E M 209
                THEORY OF PRESCRIBING EXERCISE.
          PREREQUISITE: PHYSL. 103 AND 234.
          3 HOURS STORE APPRANGED. ** THREE ADDITIONAL HOURS TO BE APPRANGED. ** TO TH 202 M O G
        60502
P = M 209 HISTORY OF SPORT.

SAME AS P. E. W. 209.

PREPEQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
           3 HOURS
           *SECTION OF IS PECOMMENDED FOR NON-MAJORS.
                                       11
                                                                    133 ARMURY
209 H G
2078 FREER GYM
        50611
                    LECT-DISC D
LECT-DISC #D1
                                                       M W F
                                                                  209 H G
207B FREER GYM
207B FREER GYM
243 ARMORY
        60645
                     LECT-DISC
                                  F
                                                        TU TH
        60429
                                             1
                                                        TH
TU TH
TH
        60637 LECT-DISC RI
                                             2 1 2
                                                                   243 ARMORY
243 ARMORY
                                  F1
PEM 210 INSPECTION TRIP.
           O CPFDIT
           THREE DAYS--ESTIMATED EXPENSE, $30 TO $40.

3CTH ANNUAL INSPECTION TRIP--DATES TO BE ANNUANCED.
FIRST MEETING--FEBRUARY 18, 7 PM, 209 HUFF GYM, FINAL MEETING TO BE
        ARRANGED.
60553 LAB-DISC
                                          ARR
P E M 213 ADVANCED FOOTBALL.
          PREREQUISITE: P. E. M. 152.
           1 HOUR
           SECOND HALF OF SEMESTER BEGINNING ON WEDNESDAY, APRIL 14.
        60661 LAB-DISC D 11 M W F 207A H G
               ADVANCED BASKETBALL.
P E M 214
           PREREQUISITE: P. E. M. 151.
           1 HOUR
          FIRST HALF OF SEMESTER.
0570 LAB-DISC D 11
                                                   M W F
        60570
                                                                    2074 H G
                ADVANCED WRESTLING.
          PREREQUISITE: P. E. M. 156 OR CONSENT OF INSTRUCTOR.
           2 HOURS
           *AN ADDITIONAL LABORATORY SESSION TO BE ARRANGED.
        60688 LAB-DISC F *2
                                                                    115 MOG ANNEX
                                                     4 W F
P F M 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.
PREREQUISITE: JUNIOR STANDING, AND A NON-PHYSICAL EDUCATION
           STUDENT.
           2 HOURS
           MEETS WITH P. E. W. 220.
        60696
                LECT-DISC F1
LECT-DISC F2
                                                       M W F
                                                                     218 E B
                                                                     11 E B
218 E B
11 E B
        60700
                                                       4 W F
                    LECT-DISC G1
LECT-DISC G2
        60718
        60726
                SUPERVISED EXPERIENCE IN PHYSICAL ECUCATION.
P E M 225
          PREREQUISITE: JUNIOR STANDING.
*MUST BE REPEATED FOR A TOTAL OF 3 HOURS. TWO HOURS CREDIT IS EARNED WHEN FIRST COMPLETED AND 1 HOUR WHEN REPEATED.
           #1 OR 2 H JURS
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NOTE: FIRST CLASS MEETING WILL BE MONDAY, FEB. 8, 1971, AT

S:45 P.M. IN 209 HUFF GYM.

60734 LAB-DISC

SJUARE AND BALLPCCM DANCE. 2 HIURS

MEETS WITH P. E. W. 235. 60742 LAB-DISC R 60751 LAB-DISC X 1-3 TU TH 218 E 8 7-9PM M W 218 E 8

P F M 240 PHYSIOLOGY OF HUMAN EXERCISE.
SAME AS P. F. W. 240.
PRERE PUISITE: PHYSL. 103 AND 234.

3 HOURS

62769 LECT-DISC F MIUWIH 207A H G

P F M 250 SPECIAL PROBLEMS.

APPROXITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERGO TO 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR.

APPROVAL OF CEPARTMENT HEAD. \*MAY BE REPEATED FUR A TUTAL OF 4 LR 6 HOURS OF CREDIT.

#2 -JP 3 HJURS 60177 LAR-1

LAB-DISC AKR

P F M 260 HUNGRS SEMINAR.
SAME AS H. DD. P. F. W., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
PRECEDING SEMESTER: CONSENT OF FACULTY ADVISOR, INSTRUCTOR AND HEAD OF DEPARTMENT . \*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.

#2 HOURS

SECTION EXI TOPIC: CURRENT PROBLEMS.

SECTION GAZ INPIC: UNRENT PRISERS.

SECTION GAZ INPIC: INTRODUCTION IT RESEARCH.

60765 LECT-DISC EX1 7-9PM W

60793 LECT-DISC EX2 7-9PM W 2078 FREER GYM 15 F B

P F M 271 ADMINISTRATION DE HIGH SCHOOL SPORT PROGRAMS.

3 HOURS

60807 LECT-DISC C 10 M W F

P E M 272 REGANIZATION OF AQUATIC PROGRAMS.

SAME AS P. E. W. AND REC. 272. 2 H JURS

0 60815 1 ECT-DISC B TU TH 2074 H G

PHYSICAL EDUCATION

DEPARTMENT OFFICE 121 HUFF GYM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

302 PROBLEMS OF FACILITIES PLANNING, CONSTRUCTION, AND

UTILIZATION.

PREREQUISITE: P. F. M. 204 OR P. E. W. 204, OR EQUIVALENT, OR

CONSENT OF INSTRUCTOR.
? HOURS, JP 1/2 OR 1 UNIT
D823 LECT-DISC 60823 7-9PM W 207A H G KELLER

JOHNSON

INTERNATIONAL PHYSICAL EDUCATION AND SPORT. INTERNATIONAL PHYSICAL EDUCATION AND SPORT.

PREGRAUISITE: P. E. W. OR P. E. M. 209, OR CONSENT OF INSTRUCTOR.

2 HJURS, JR 1/2 OR 1 UNIT

0831 LECT-DISC 730-930PM 2074 H G

PF 306 JUANTITATIVE METHODS IN ERGONOMICS.
SAME AS I. E. AND PHYSL. 306.
PRESE JUSTIE: I.F./P.E./PHYSL. 305.

4 HOURS OR 1 UNIT

60340 LAB TU TH 422 BUR HALL

## COURSES FOR GRADUATES

۽ ۾		ILDSOPHY OF PHYSI			eT.		
	PREREJUI 1 UNII	ISITE: PHIL. ICI	AND HP. ED. 3	1)5.			
		LFCT-DISC	9-1130	W	329	ARMORY	ZEIGLER
D E		DRT PSYCHOLOGY.					
	PREREQUI	ISTTE: PSYCH. 100	• ED. PSY. 21	I. CONSEN	NT OF I	NSTRUCTOR.	
	60856	LECT	4 -6 2 - 4	TU	371	H G.	HUBBARD
		LAB	2-4	TU	301 301	H G	HUBBARD
PF		INCIPLES OF KINES ISITE: ANATOMY, P		NESIDLOGY	( AND		
	PHYSIDEU	ISY OF EXECUSE.					
	1 UNIT *THREE /	ADDITIONAL HOURS	IN EXERCISE T	HERAPY CL	INIC S	FLECTED FROM	
	THE PEK!	(U)S 3-6 M. W. OF	F.				
	6~374	L ECT-DISC	*11	TU TH	202	M D G	SHELTON
ΡĘ		PERIMENTAL KINESI ISTTE: PHYSL. 234		T: P. F.	M. OP	P. F. W. 206	UB
	FQUIVALE	NT; OR CUNSENT O					
	1 UNIT	LECT	9-11	м	303	H G	HIIE! STER
		LAB	1-3	М	301	H G H G	DEUTSCH
PF		SUCTOLOGY OF SP	ORT.				
		ME AS \$90. 449. ISITE: NINE HOURS	CF SUCIPLOGY	OR ANTHE	ROPOLOG	Y INCLUDING	
	A COURSE	TN RESEARCH MET					
	1 UNIT	LECT-DISC	1 - 3 3 C	F	207	H G	LUESCHEN
PE	452 ANI	THROPOMETRICAL AN	D BUDY MECHAN	ICS RESEA	ARCH TE	CHNIQUES.	
	PREREQUI	ISITE: P. F. 495					۲.
	1 UNIT	LECT	4-6	lve	211	H G	MASSEY
		LAB	2-4	liv	302	H G	MASSEY MASSEY
рr	491 SEM						
		LFCT-DISC *Ul	3-5	TH	209	H G	STAFF
PΕ	493 SPE	CIAL PROJECTS.					
	1/2 JR 1 60921		ARR				STAFF
	00921	CONF	ARR				STAFF
P 5	494 504	CTAL TOPICS IN P	HYSICAL EDUCA	TION			
-	1/2 18 1	I JAL I					
	60339	LECT-DISC	8-930	TU TH	151	ARMURY	MARTENS
ΡE	499 THE	SIS RESEARCH.					
	67947		ARR				STAFF

DEDAUTMENT DESTEE

117 EREER GYM

#### PASTO INSTRUCTION COURSES

#### CHURSES FOR HINDERGRADUATES

FRESHMEN AND SOPHOMORES: UF THE FOUR SEMESTERS REQUIRED IN PHYSICAL EDUCATION, THE DEPARTMENT RECOMMENDS ONE SEMESTER OF BASIC MOVEMENT (PER 100) AND RECOMMENDS ONE SEMESTER OF SWIMMING (PEW 110 OR 111) ANY COURSE NOT PREVIOUSLY TAKEN MAY BE TAKEN IN THE TWO REMAINING SEMESTERS.

NOTE: MUST PEW PASIC INSTRUCTION COURSES HAVE BEEN APPANGED IN SEGUENCES IN GROEP TO FACILITATE REGISTRATION OF ACVANCE EMPOLLERS. THESE SEQUENCES ARE AS FOLLOWS:

SEQUENCE 1 - PEW 107, 111, 122, 124, 136 SEQUENCE 2 - PEW 104, 110, 121, 123, 132, 135 SEQUENCE 3 - PEW 120, 130, 133, 138, 142, 145

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS IF THE RECUESTER COURSE ARE CLUSSED.

CREDIT(S) MAY BE EARLED BY SUCCESSFUL COMPLETION OF PROFICIENCY EXAMINATION(S). APPLICATIONS MAY BE SECURED FROM AND FILED IN 126 EDEED GYM. APPLICATIONS MAY BE SECURED FROM AND FILED IN 126 FREER GYM.

WIMEN ENRULLING IN PEM 112,115,140 OR 147 SHALL BE GRANTED CREDIT.

#### P E W 100 BA BASIC MOVEMENT.

\*SECTION 36 MEETS WITH PEM 116-OPEN ONLY TO VOICE AND THEATRE MAJORS.

MAJJRS.
61995 LAB E 1210-1240 M W F
69963 LAB FE 1255-125 M W F
69961 LAB F 140-210 M W F
69960 LAB G 255-255 M W F
61990 LAB W F
61047 LAB \*GG 210-255 M W F
61047 LAB M \*GG 210-255 M W 26 E B 26 E B 26 F B 26 311 310 F B FREER GYM FREER GYM 218 F B 218 ± 8 26 E 8 26 E 8

### PRESCRIBED EXERCISE.

PREREQUISITE: RECOMMENDATION FROM DEPARTMENT OR HEALTH SERVICE. 1 HOUR

\*SECTION I IS FOR PARAPLEGIC AND MANDICAPPED STUDENTS.

LAB A 8-83C M W F 215 FREER GYM
LAB C 1355-1125 M W F 215 FREER GYM
LAB \*1 410-44C M W F 116 E B POOL 61 755 61271

#### MIDIFIED ACTIVITIES. P F W 102

PREREQUISITE: RECOMMENCATION FROM DEPARTMENT OR HEALTH SERVICE. 1 HOUR

61080 LAB B 913-955 M W 215 FREER GYM 1010-1040 M W F 215 FREER GYM 310-340 M W F 215 FREER GYM 61 098 61101

# P E W 103 CHOUR CONDITIONING AND FIGURE CONTROL.

1 HOUR
61110 LAB
61128 LAB
61128 LAB
61136 LAB
61152 LAB
61151 LAB
61177 LAB
61177 LAB
61195 LAB
611207 LAB
611217 LAB D 1140-1210 M W F 215 FREER GYM
F 1225-1255 M W F 215 FREER GYM
I 410-455 M W 215 FREER GYM
J 510-555 M W 215 FREER GYM
KK 710-7559M M W 215 FREER GYM
O 1010-1055 TU TH 215 FREER GYM
G 1210-1255 TU TH 215 FREER GYM
I 310-355 TU TH 215 FREER GYM
I 410-455 TU TH 215 FREER GYM
X 710-7559M TU TH 215 FREER GYM
X 710-7559M TU TH 215 FREER GYM

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C F W 104 MUDERN PANCE.

1 HUDR

1225 LAB A B-845 M W 10 FREER GYM

1226 LAB B 910-955 M W 310 FREER GYM

61241 LAB C 1010-1040 M W F 218 E 9

61241 LAB CC 1055-1125 M W F 218 E 8

41268 LAB D 1140-1210 M W F 218 E 8

51276 LAB E 1225-1255 M W F 218 E 8

51276 LAB E 1225-1255 M W F 218 E 8

61292 LAB N 910-955 TU TH 310 FREER GYM
D C n 127
                                                        MINERN SYMNASTICS. 1.
                           1 HOUR
613-5 LAB C 1010-1055 M M 311 FREER GYM
61314 LAB O 1110-1155 M M 311 FREER GYM
61322 LAB F 110-155 M M 311 FREER GYM
61331 LAB C 1210-1255 TU TH 311 FREER GYM
61349 LAB P 110-155 TU TH 311 FREER GYM
61357 LAB S 210-255 TU TH 311 FREER GYM
61357 LAB S 210-255 TU TH 311 FREER GYM
613673 LAB X 710-755 FM M 311 FREER GYM
61373 LAB Y 810-855 FM M M 311 FREER GYM
                                  1 HOUR
                           108 MODERN GYMNASTICS, II.

PERFOUISITE: P. E. W. 107 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.
                           1 HJJR
61391 LAB C 1010-1055 TU TH 311 FREER GYM
61390 LAB P 1110-1155 TU TH 311 FREER GYM
P F W 109 PERSONAL DEFENSE.

1 HJJR
                                   *SECTIONS A. B AND V MEET THE LAST EIGHT WEEKS JULY, BEGINNING
                           **SECTIONS A, B AND V MEET THE LAST FIGHT WEERS JNLY, BFGINNING APRIL 12, 1971.

61446 LAB *A 8-845 MTUWIH 311 FREER GYM 61454 LAB *B 910-955 MTUWIH 311 FREER GYM 61403 LAB I 410-455 M 311 FREER GYM 61411 LAB UU 410-455 TU TH 311 FREER GYM 61462 LAB *V 510-555 MTUWIH 311 FREER GYM 61462 LAB X 710-755PM TU TH 311 FREER GYM 61438 LAB Y 810-855PM TU TH 311 FREER GYM 61438 LAB Y 810-855PM TU TH 311 FREER GYM
                                                 ELEMENTARY SWIMMING.
                                    1 HTUR
                           1 HOUR
61471 LAB D 1110-1140 M W F 116 F B POOL
61499 LAB F 12-1230 M W F 116 E B POOL
61497 LAB EE 1250-12C M W F 116 E B POOL
61501 LAB F 140-21C M W F 116 E B POOL
61519 LAB G 230-3 M W F 116 E B POOL
61527 LAB I 410-440 M W F 116 E B POOL
P E W 111 SUB-INTERMEDIATE SWIMMING.
                            | Haup | Color | Color
                                    1 HJUP
                                                      INTERMEDIATE SWIMMING.
                            1 HOUR
1 HOUR
61608 LAB A 8-845 4 W 116 E B POOL
61616 LAB S 210-255 TU TH 116 E 3 POOL
61624 LAB T 310-355 TU TH 116 E 3 POOL
P F w 114 LIFE SAVING.
PREREQUISITE: P. E. W. 112 OR FQUIVALENT.
                            SYNCHRONIZED SWIMMING.
                            PREREQUISITE: P. E. W. 112.
                            1 HOUR 61667 LAB U 410-455 TU TH 116 E B POOL 61675 LAB X 710-755 PM TU TH 116 E B POOL
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DIVING.
               PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.
                1 HOUR
                FIRST CLASS MEETINGS FOR BOTH SECTIONS IN ROOM 207 HUFF GYM.
            61683
                           LAB X 710-755PM TU TH 112 H G POOL
LAB Y 810-855PM TU TH 112 H G POOL
             61691
               7 WATER SAFETY.
PREREQUISITE: AMERICAN PED CROSS SENIOR LIFE SAVING CERTIFICATE.
P F W 117
               1 HOUR
                                                            610-655PM W 116 E B POOL
810-855PM W 116 E B POOL
510-555 TU TH 116 E B POOL
            61 705
                               LAB
                                                  K
                                                 Ł
            61713
                               LAB
            61721
                             LAB
               COMPETITIVE SKIMMING.
PRERFQUISITE: P. F. W. 112 UR EQUIVALENT AND CONSENT OF INSTRUCTOR.
               1 HOUR
                                                             710-755PM M w 116 E B POOL
            61730
                       LACROSSF.
P F W 121
               1 HJUR
                ALL SECTIONS MEET FOR THE LAST EIGHT WEEKS ONLY, BEGINNING
               APRIL 12, 1971.

1 AB 0 1010-1055 TU TH
            61748
                                                                                                 210 EREER GYM
P E W 122
                     SPEEDBALL.
               1 HOUR
               ALL SECTIONS MEET FOR THE LAST EIGHT WEEKS ONLY, BEGINNING
               APRIL 12, 1971.
            61.756
                                                            1110-1155 TU TH 210 FREER GYM
P F W 123
                       BASKETBALL.
              1 HOUR
                             LAB H
LAB I
LAB J
LAB M
LAB N
LAB X
            61764
                                                         310-355 M W
410-455 M W
510-555 M W
                                                                                                     26 E B
            61772
                                                                                                     26 E B
            61781
                                                                                                     26
                                                             8-845 TU TH
910-955 TU TH
710-755PM TU TH
            61799
                                                                                                     26 E B
            61802
                                                                                                   26 E B
310 FREER GYM
            61811
P F W 124 VOLLEYBALL.
1 HOUR
              *SECTIONS X AND Y MEET WITH P. E. M. 129.
*SECTIONS AA AND HH MEET FOR THE LAST EIGHT WEEKS ONLY, BEGINNING
               APRIL 12, 1971.
                                                             8-845 M W
8-845 MTUWTH
910-955 M W
310-355 M W
            61829
                               LAB
                                                 Α
                                                                                                218 E B
310 FREER GYM
218 E B
218 E B
310 FREER GYM
218 E B
                                                                                                   218 E B
            61 777
                              LAB
                                                * A A
                                                В
            61837
                               LAB
                            LAB B 910-955 M W 218 E B
LAB +H 310-355 M W 218 E B
LAB +H 310-355 M W 218 E B
LAB T 410-455 M W 218 E B
LAB J 510-555 M W 218 E B
LAB O 1005-1055 TU TH 218 E B
LAB Q 1205-1255 TU TH 218 E B
LAB T 310-355 TU TH 218 E B
LAB U 410-455 TU TH 218 E B
LAB U 510-555 TU TH 218 E B
LAB W 510-555 TU TH 218 E B
LAB V 510-555 TU TH 218 E B
LAB W 510-555 TU TH 218 E B
LAB *Y 810-855PM TU TH 218 E B
            61845
            61985
            61853
            61861
            61370
            61888
            61896
            61900
            61918
            61926
            61934
            61942
```

61951 61969

```
P F W 13C
                                 BADMINTON.
               1 HOUR
                 *SECTIONS F AND G MEET FOR THE LAST FIGHT WEEKS ONLY, BEGINNING
                                                                                                                                               26 E B
                                                                                                                                                26
                                                                                                                                              310
                                                                                                                                                         FREER GYM
                                                                                                                                                         E B
                                                                                                                                               26
                                                                                                                                                         E B
                                                                                                                                                26
                                                                                                                                                         EREER GYM
                                                                                                                                             310
                                                                                                                                                         EREER GYM
                                                                                                                                              310
                                                                                                                                               26
                                                                                                                                                         F B
                                                                                                                                              310
                                                                                                                                                         EDEED CVM
                                                                                                                                             26
                                                                                                                                                         € 8
                                                                                                                                                26
                                                                                                                                                         F B
                                                                                                                                               26 F B
                                                                                                                                             26 E B
P t w 131
                                  GOLE -
                      1 HOUR
                      IT IS NOT NECESSARY TO HAVE YOUR CWN CLURS TO TAKE GOLF.
$14.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP
TRANSPORTATION FROM FREER GYMNASIUM TO PAR 3 JV
                      U. S. 45 SCUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3 COURSE WILL BE AN ACCITIONAL $3.25.
                       ALL SECTIONS MEET FOR THE LAST EIGHT WEEKS ONLY, BEGINNING
                       APRIL 12, 1971.
                 APRIL 12, 1971.
62140 LAB F 110-240 M W
62159 LAB FF 110-240 M W
62154 LAB H 310-440 M W
62164 LAB H 310-440 M W
62182 LAB P 1110-1240 M W
62191 LAB PP 1110-1240 M W
62191 LAB PP 1110-1240 T U TH
62239 LAB T 310-440 TU TH
62239 LAB TT 310-440 TU TH
                                                                                                                                                1.1
                                                                                                                                                         EREER GYM
                                                                                                                                             210 FREER GYM
                                                                                                                                             11 FREER GYM
210 FREER GYM
                                                                                                                                             11 FREER GYM
210 FREER GYM
                                                                                                                                                         FREER GYM
                                                                                                                                               11 FREER GYM
                                                                                                                                                         FREER GYM
                                                                                                                                            11 FREER GYM
210 FREER GYM
P E W 132
                               BOWLING.
                     1 HIUR
                 ALLEY SEPVICE CHAPGE, $7.50.

$$$$C$$IONS D, F, PAND R MEET WITH P. E. M. 137.

62747 LAR A 8-845 M W 60 I U ALLEYS
62263 LAB AA 8-845 M W 60 I U ALLEYS
62263 LAB B 9-945 M W 60 I U ALLEYS
62271 LAR BB 9-945 M W 60 I U ALLEYS
62271 LAR BB 9-945 M W 60 I U ALLEYS
62280 LAR C 10-1045 M W 60 I U ALLEYS
62298 LAB CC 10-1045 M W 60 I U ALLEYS
62301 LAB $0 11-1145 M W 60 I U ALLEYS
62310 LAB $0 11-1145 M W 60 I U ALLEYS
62326 LAB $0 11-1145 M W 60 I U ALLEYS
62336 LAB $0 11-1145 M W 60 I U ALLEYS
62336 LAB $0 11-1145 M W 60 I U ALLEYS
62336 LAB $0 11-1145 M W 60 I U ALLEYS
                      ALLEY SERVICE CHARGE, $7.50.
P F w 133 F
1 HOUR
                             FENCING.
                1 MOUN **SECTIONS F, FF, G, H AND I MEET FOR THE FIRST FIGHT WEEKS ONLY, ENDING APRIL 2, 1971.

42344 LAB A 8-845 M H 11 FREER GYM 62352 LAB B 910-955 M W 11 FREER GYM 62395 LAB *F 110-145 MTUWTHF 11 FREER GYM 62409 LAB *FF 155-230 MTUWTHF 11 FREER GYM 62417 LAB *G 240-315 MTUWTHF 11 FREER GYM 62425 LAB *H 325-410 MTUWTH 11 FREER GYM 62433 LAB *I 420-505 MTUWTH 11 FREER GYM 62336 LAB KK 710-755PM W 11 FREER GYM 62387 LAB M 8-845 TU TH 11 FREER GYM 62387 LAB X 710-755PM TU TH 11 FREER GYM 62387 LAB X 710-755PM TU TH 11 FREER GYM 62387 LAB X 710-755PM TU TH 11 FREER GYM 62387 LAB X 710-755PM TU TH 11 FREER GYM 62387 LAB X 710-755PM TU TH 11 FREER GYM 62387 LAB X 710-755PM TU TH 11 FREER GYM 62387 LAB X 710-755PM TU TH 11 FREER GYM
P F W 135
                                  ARCHERY.
                     1 HOUR
                      THOUSE THE LAST EIGHT WEEKS ONLY, REGINNING APPIL 12, 1971.

**SECTIONS JAND K MEET THE LAST FIGHT WEEKS ONLY, BEGINNING
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316

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P.E. W 136
                                TENNIS.
                     1 HOUR
                     1 HOUR
ALL SECTIONS MEET THE LAST EIGHT WEEKS, REGINNING APRIL 12, 1971.
*SECTIONS H AND K MEET WITH P. E. M. 135.
2492 LAB C 1010-1045 MIDWHF 207 FREER GYM
2516 LAB CC 1055-1130 MIDWHF 207 FREER GYM
2514 LAB 0 1140-1215 MIDWHF 207 FREER GYM
                  *SECTIONS H AND K MEFT WITH P. E. M. 135.
62492 LAB C 1010-1045 MTUWTHF
62596 LAB CC 1055-1130 MTUWTHF
62514 LAB 0 1140-1215 MTUWTHF
6252 LAB E 1225-1 MTUWTHF
62531 LAB F 110-145 MTUWTHF
62549 LAB FF 155-230 MTUWTHF
62557 LAB G 240-315 MTUWTHF
62557 LAB G 240-315 MTUWTHF
62565 LAB **M 320-405 MTUWTHF
62573 LAB **K 6-73CPM TU TH
                                                                                                                                207B FREER GYM
210 FREER GYM
210 FREER GYM
210 FREER GYM
207B FREER GYM
                                                                                                                                      2C7 FREER GYM
 P. F. W. 138
                               TRACK AND FIELD.
                    1 HOUR
                      ALL SECTIONS MEET THE LAST EIGHT WEEKS, BEGINNING APRIL 12, 1971.
581 LAB B 910-955 MTUNTH 207 FREER GYM
                  62581
 P F W 139 GJLF, II.

SAME AS P. E. M. 139.

PRERFOUISITE: P. E. M. 131 OR P. E. M. 138, AND CONSENT OF
                      INSTRUCTOR.
                      1 HOUR
                     IT IS NOT NECESSARY TO HAVE YOUR (WN CLUBS TO TAKE GOLF. $18.00 FFE COVERS CLUB RENTAL, GREEN FEES AND POUND TRIP TRANSPORTATION FROM FREER GYM TO PAR 3 ON U. S. ROUTE 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3 COUPSE WILL BE AN ADDITIONAL
                      $0.25.
                      ALL SECTIONS MEET THE LAST EIGHT WEEKS, BEGINNING APRIL 12, 1971.
ALL SECTIONS ARE CO-EDUCATIONAL. FIRST CLASS MEETING IN 130
                 FRFER GYM.
62590 LAB
62603 LAB
                                                       JJ 4-6 M W PAP3 RT 45 SOUTH
 P E W 140 ADVANCED TENNIS.
                     PREREQUISITE: P. F. W. 136 OR CONSENT OF INSTRUCTOR.
                      1 HOUR
                  ALL SECTIONS MEET THE LAST EIGHT WEEKS, REGINNING APRIL 12, 1971.
62611 LAB J 6-730PM M 207 FPEER GYM
62620 LAB U 410-54C TUTH 207 FREER GYM
                            BALLROOM DANCE.
                 1 HAUR
                      MEETS WITH P.E.M. 142.
                 MEFTS WITH P.E.M. 142.
62638 LAB B 9-945 M W 302 H G
62646 LAB H 3-345 M W 6 DGLESBY
62656 LAB I 4-445 M W 6 OGLESBY
62652 LAB K 630-715PM M W 6 OGLESBY
62671 LAB KK 730-815PM M W 6 OGLESBY
62671 LAB KK 730-815PM M W 6 OGLESBY
62639 LAB N 9-945 JU TH 302 H G
62639 LAB C 10-1045 TU TH 302 H G
62719 LAB P 11-1145 TU TH 302 H G
62719 LAB W 630-715PM TU TH 6 OGLESBY
62727 LAB X 730-815PM TU TH 6 OGLESBY
 P f w 143
                            AMERICAN SQUARE DANCE.
                     1 HOUR
                      MEETS WITH P.E.M. 143.
                                                                                        3-345 TU TH
                  62735
                                       LAB
                                                                                                                                    302 H G
 P E W 144
                                  TECHNIQUES IN ANGLING.
                                  SAME AS P. F. M. 144.
                     1 HOUR
                      MEETS FOR THE LAST EIGHT WEEKS ONLY, BEGINNING APRIL 12, 1971.

743 LAB G 2 MTUWTHF 120N ICE RINK
                 62743
P.E. W 145
                              FIGURE SKATING.
                     1 HOUR
                      MEETS WITH P.E.M. 145.
                 MEETS WITH P.E.M. 145.
ALL SECTIONS MEET THE FIRST EIGHT WEEKS, ENDING APRIL 2, 1971.
62751 LAB A 8-835 MTUWTHE 120S ICE RINK
62760 LAB B 9-945 MTUWTH 120S ICE RINK
62778 LAB C 1010-1045 MTUWTHE 120S ICE RINK
627786 LAB D 1110-1145 MTUWTHE 120S ICE RINK
62794 LAB F 1210-1245 MTUWTHE 120S ICE RINK
62794 LAB F 110-1245 MTUWTHE 120S ICE RINK
62708 LAB G 210-245 MTUWTHE 120S ICE RINK
62816 LAB G 210-245 MTUWTHE 120S ICE RINK
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## PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT OFFICE 117 FREER GYM

#### COURSES FOR UNDERGRADUATES

PEW1	5) 2 H 313K S	FESSIONAL C	RIENTATI	0N.			
	12974	L FC F-DTSC	T	3	TU TH	130	FREER GYM
2 F # 1	51 345	IC MOVEMENT	AND 91 D	Y MECHANI	cs.		
	1 H103						
	62932	LAB	F	12	4 w F	133	ARMORY
	1 Hall	KETBALL AND	TRACK A				
	62341	LAB	Δ	8	HTWLTM HTWUTM	310	FREER GYM
			F	1	MTUWTH	310	FREER GYM
		LAB	G H	2	MIUWIH	31 C	FREER GYM
	62875	LAB	H	1	MIUWIH	410	FREEK GTM
p € ₩ 1		NASTICS AND					
		SITE: P. E.	w. 154	OR CONSEN	T OF INSTRU	CTUP.	
	1 HBUR						
	67843	LAB	Α1	8-10 8-10 8-10	M M		FREER GYM
	62991	LAB	A2 L1 L2	8-10	TU TH	311 311	FREFR GYM
		LAB	L1 L2	8-10 8-10	TU TH	311	FREER GYM
	02.71 7	LAD	LZ	5-10	10 111	211	FEER GIA
5 5 1 1	E/ CTIII	NTS, TUMBLIS		TO AMDOL IN	r		
D - W 1	DDEDECITE	SITE: P. F.	U 151	I K A M P ( L I N	C .		
	I HOUR	SIIE+ P+ F+	M . 101 .				
		LAB	F 1	1 - 3	F	311	FREFR GYM
			F1	7-9PM	ń		EM ) G
	62930	LAS	F2	1 - 3	F		FREER GYM
			F 2	7-9PM	Pt .	312N	EM O G
	57 MODE 1 HOUR	ERN DANCE.					
		LAB	C	10	MIUWIH	26	FΒ
	62956	LAB	Н	3	MIUWIH	311	FREER GYM
p ∈ w 1		TAL SPORTS		ND FENCIN	G).		
		E AS P. F. 1	4. 164.				
	1 HAUR 62964	LAB-DISC	0.0	1-3	TH TH	302	h C
	C2704	EAN-DISC	N.N.	1-3	10 14	2. 5	пэ
P € ₩ 1	65 TFA(	CHING OF SWI	MMING.				
	PREKEIJI:	ZILE: ZGBHOL	WIKE SID	NULNO, P.	E. W. 112	AMO. I	51.
	2 HOURS	TILDMAL HOUR	TO BE	APPANCED			
	62972	1 FCT	(	*10	M W	116	E 3 POOL
		TTIONAL HOUR	Č	*11	4 W		ЕВ
PEWI	00 FLE	MENTARY SCHO	ADDE STA	DINICO CO	COLT OF SEC	CTDA	TION IN DEVEN
	216 12 2	17 OR EDDSY	236.	NUING, LK	EUII UK KEG.	LSIFA	TION IN PSYCH.
	3 HIVES						
	* 15 100	ITIONAL HOUR	CENFER	ENCE PER	WEEK TO BE	ARAN	GED.
	MEETS WI	TH P.F.M. 16	06.				
	62981	LECT-DISC	N	9-11	TU TH	11	FREER GYM
	62999	LECT-DISC	C	10-12	W F	11	FREER GYM
	63025	LECT-DISC	F	1-3	TU TH W F	717	H G
2 f m 1	67 TEAC	CHING OF GY	MASTICS	AND DANG	F .		
	PRESEQUI:				W. 154, 15	5, 15	7, AND 166.
	2 HOURS						
				12			FREER GYM
	63021	LAB-DISC	F 2	12	4 W F	310	FREER GYM
	, ,,,						

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VILLEYBALL OFFICIATING.
          PRESENTISTE: P. F. W. 124 OF 152 OR CONSENT OF INSTRUCTOR.
          1 HAUR
                                       4 M W
        63030
                    1 40
                                                              31C FEEFR GYM
                             COURSES FOR ADVANCED UNDERGRADUATES
          4 ORGANIZATION OF PHYSICAL EQUIATION.
PRESEDUISITE: CONCURRENT REGISTRATION IN ED. PR. 238, 242, AND 250.
           3 41185
          WILL NOT MEET DUPING THE TEN-MEEK STUDENT TEACHING PERIOD.
        63 748 LECT-DISC
                                                      MILLWIHE ARR
P F & 205 TESTS AND MEASUPEMENTS I'S HEALTH, PHYSICAL EDUCATION, AND
          PEFRE JUISITE: JUNIUR STANDING. CLNCURRENT REGISTRATION IN P. F. W.
          213 A'IJ 215.
                   LECI-DISC
                                          10
                                                      TU TH SEM ILL ST RES
                                                      TU
PERFECULSITE: PHYSE. 103 AND 234.
          3 HUDRS
        3 HEMPS
63064 LECT-DISC C 8-10 M W 332 APMORY
63072 LECT-DISC F2 1-3 M W 13C FREER GYM
63081 LECT-DISC R 1-3 TUTH 130 FREER GYM
THE TRY OF PRESCRIBING EXERCISE.

OPENERULISHE: P. F. W. 206. CONCURRENT REGISTRATION IN P. E. H.
           3 HOURS
        TWO LAR HOURS TO BE ARRANGED FOR IN EXEMCISE CLINIC, 3-5 M-W-F. 63090 LECT-015C L 93 TU TH 130 FREER GYM 9 TU TH 130 FREER GYM
P F W 269 HISTORY OF SPORT.

SAME AS P. F. M. 269.

PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
          3 HOJRS
          *SECTION DI IS RECOMMENDED FOR NON-MAJORS.
                   63111
        63145
        63129
        63137
          DREPEQUISITE: JUNIOR STANDING.
          TRIPS--ESTIMATED EXPENSE $30.
          O CREDIT
        63153
                   LAB
                                        5 TU 210 FREER GYM
             TEACHING OF TEAM SPORTS.
          PREREDUISITE: JUNIOR STANDING; P. E. W. 151, 152, 153, 154, 166 AND P. F. W. 165 OR 214, OR CONSENT OF P.STRUCTOR. CONCURRENT REGISTRATION IN P. F. W. 205 AND 215.
          4 HOURS
        63161
                                          10 M W F 13C FREER GYM
11 M W 13C FREER GYM
                   LECT-DISC
       TEACHING OF INDIVIOUAL SPURTS.
PREREDUISTIE: JUNIOR STANDING: P. E. w. 151, 153, 155, 166 OR
CONSENT OF INSTRUCTOR.
          2 HOURS
       63170
                                          10 TU TH 130 FREER GYM
11 TU 130 FREER GYM
                    LECT-DISC
               SUPERVISED EXPERIENCE AND TEACHING, II.
         PREREJISTE: JUNIUP STANDING: P. F. A. 216; CENGURRENT REGISTRATION IN P. E. W. 205 AND 213.
          O CREDIT
```

F 13C FREER GYM

1.1

63188

LAU-DISC

SUPERVISED EXPERIENCE AND TEACHING, I.
PREREJUISITE: JUNIOR STANDING; P. E. W. 166; COMPLETION OF ONE
ELECTED INDIVIDUAL SPORT. O CREDIT 63196 TH 130 FREER GYM LAB-DISC 1.1 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.

PREREQUISITE: JUNIOR STANDING, NON-PHYSICAL EDUCATION MAJOR. 2 H JURS MEETS WITH P.E.M. 220. W F W F 63200 LECT-DISC F1 1 218 E B 1 2 LECT-DISC 11 F B 6.421.8 F 2 218 LECT-DISC 63226 6.1 LECT-DISC 63234 1.1 PF w 222 PHYSICAL EDUCATION IN THE FLEMENTARY SCHOOL.

PREOF JULSITE: P. F. W. 154 AND 166, DANCE 235, 48 DR MORE HOURS

OF APPROVED LABORATORY WORK WITH CHILDREN OR CONSENT OF INSTRUCTOR.

CONCURRENT REGISTRATION IN P. E. W. 208. 2 HITURS M W F 130 FREER GYM M W F 130 FREER GYM 63242 LECT-DISC E 63251 P F & 235 SQUARE AND BALLROOM DANCE . 2 HOURS MEETS WITH P. F. M. 235.
63209 LAB-DISC R
63277 LAB-DISC X 1-3 TU TH 218 E B 7-9PM M W 218 E B P F w 240 PHYSIOLOGY OF HUMAN EXERCISE. SAME AS P. E. M. 240. PREREQUISITE: PHYSL: 103 AND 234. 3 HOURS LECT-DISC F 63285 2 MTUWTH 207A H G SPECIAL PROBLEMS. PREREQUISITE: JUNIOR OR SENIOR STANDING; GRADE-POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISEP, INSTRUCTOR AND HEAD OF DEPARTMENT. \*MAY BE PEPEATED FOR A TOTAL OF 4 OR 6 HOURS CREDIT. #2 OR 3 HOURS 63293 CONF P.E. W. 260 HONORS SEMINAR.
SAME AS H. EO., P. E. M., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT. \*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT. #2 HOURS

#2 HOURS SECTION &XI TOPIC: CUPPENT PROBLEMS IN PHYSICAL EDUCATION. SECTION &XZ TOPIC: INTEQUOLITION TO RESEARCH. 33C7 LECT-DISC &XI 7-9PM W 2078 FREER 3315 LECT-DISC &XZ 7-9PM W 15 E B 62207 2078 FREER GYM 63315

DRGANIZATION OF AQUATIC PROGRAMS. SAME AS P. E. M. AND REC. 272. 2 HOURS TU TH 207A H G 63323 LECT-DISC B

DEPARTMENT OFFICE

211 P B

FNGINEFRING PHYSICS CURRICULUM -- SEE UNDERGRADUATE STUDY CATALOG.

L.A. S. CURRICULUM IN PHYSICS -- SEE UNDERGRADUATE STUDY CATALOG.

L.A.S. GENERAL CURRICULUM MAJOR: TWENTY HOURS IN PHYSICS, INCLUDING PHYSICS 321, 341, AND 342, AND EXCLUDING COURSES WITH NUMBERS LOWER THAN 270.

L.A.S. GENERAL CURRICULUM MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH NOT LESS THAN EIGHT HOURS IN EACH IF TWO ARE CHOSEN-ASTRONOMY, CHEMISTRY, EDUCATION, JEOLOGY, MATHEMATICS, ZUOLOGY OR ANY ONE BRANCH UP ENGINEERING.

PHYSICS 191 AND 102 ARE RECOMMENDED TO PREMEDICAL, PREDENTAL, ARCHITECTURE, AND OTHER STUDENTS NOT SPECIALIZING IN PHYSICS, MATHEMATICS, CHEMISTRY OR ENGINEEPING.

THE CALCULUS PREFEQUISITE FUR CERTAIN COURSES MAY BE SATISFIED FITHER BY MATH. 132 AND 142. OR MATH. 133 AND 143.

#### COURSES FOR UNDERGRADUATES

PHYCS 101 GENERAL PHYSICS (MECHANICS, HEAT, AND SOUND). FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE. PREREQUISITE: TRIGONOMETRY.

5 H7URS							
63331	LECT		2	TU TH	151	P B	
63340	LAB	Δ	9-12	M	3.2	PB	
	SIUC	A	10-12	live .	143	P B	
63358	LAB	В	12-3	M	32	P B	
	QUIZ	8	1-3	W	32	P B	
63366	LAB	C	3~6	M	3.2	P 8	
	ZIUC	C	3-5	wi	258	P B	
63374	LAB	D	9-12	TU	3.2	PB	
	ZUIZ	D	10-12	TH	319	CFR	
63382	LAB	F	3-6	TU	3.2	P B	
	ZIUG	F	3 -5	TH	319	CER	
63391	LAB	G	9-12	W	3.2	PB	
	QUIZ	G	10-12	F	3.2	P B	
63404	LAB	1	3-6	liv	32	P B	
	ZIUG	I	3-5	F	3.2	P B	
63412	LAB	J	9-12	TH	3.2	P B	
	2117	j	10-12	TU	143	P B	
63421	LAB	К	3-6	TH	3.2	P B	
	JU17	K	3 -5	TU	139	P B	

PHYCS 102 GENERAL PHYSICS (LIGHT, ELECTRICITY, AND MAGNETISM).
FOR STUDENTS IN ARTS 6. SCIENCES AND ARCHITECTURE.
PREREQUISITE: PHYCS. 101.

5 HAURS						
63439	LECT	A	10	TU TH	141	P B
63447	LECT	В	1	TU TH	141	P B
63455	LAB	A 1	8-11	M	132	ΡВ
	QUIZ	A 1	8-10	W	139	PB
63463	LAB	A2	9-12	Ч	164	P B
	ZIUG	A 2	10-12	W	147	P B
63471	LAB	81	12-3	M	132	P B
	2115	B1	1-3	W	143	PB
63480	LAB	B 2	12-3	M	164	P B
	QUIZ	B2	1-3	w	319	CFR
63498	LAB	C 1	3-6	М	132	P B
	QUIZ	C 1	3-5	W	319	CER
63501	LAB	C2	3 -6	M	164	P B
	JUIZ	C 2	3-5	W	143	P B
63510	LAB	D1	9-12	TU	132	P B
	QU17	DI	10-12	TH	143	P B

SUTTON

WRIGHT

DHACC	102 CON	TIMULED					
rnr C3	63528	LAB	E1	12-3	TU	132	РВ
	45.20	ZIUG	El	1-3	TH	319	CER
	63536	LAB	E2	12-3	ŤU	164	PB
		QUIZ	E2	1-3	TH	238	M E
	63544	LAB	Fl	3-6	TU	132	P B
		QUIZ	F1	3-5	TH	143	PB
	63552	LAB	G1	8-11	W	132	PB
		QUIZ	G 1	8-10	M	143	PB
	63561	LAB	G2	9-12	W	164	P B
		QUIZ	G2	10-12	M	319	CER
	63579	LAB	HI	12-3	W	132	PB
		QUIZ	H1	1-3	M	420	PB
	63587	LAB	H2	12-3	W	164	P B
		QUIZ	H2	1-3	M	143A	M E
	63595	LAB	11	3-6	W	132	PB
		QUIZ	11	3-5	M	420	РВ
	63609	LAB	12	3-6	W	164	P B
		ZUIZ	12	3-5	M	218	CER
	63617	LAB	K1	12-3	TH	132	PB
		ZIUQ	K1	1-3	ŤÜ	144	P B
	63625	LAB	K 2	12-3	TH	164	PB
		QUIZ	K2	1-3	TU	238	M E
	63633	LAB	L1	3-6	TH	132	PB
		QUIZ	L1	3~5	TU	136	PB

PHYCS 106 GENERAL PHYSICS (MECHANICS).

FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.

PREREQUISITE:MATH. 120; CREDIT OR REGISTRATION IN MATH. 130 OR 131.

O'HALLORAN O'HALLORAN

		120;	CKEDII OK KE	612	IKATIUN	IN MA	IH.	a ž	30	UH
4 HOU										
	JAMES SCHOLARS				DENTS.					
63641	LECT	Α	8	M	W	141	Р	В		
63650	LECT	В	10	M	₩	141	Р	В		
63668	LECT	C	11	M	W	141	Р	В		
63676	LAB	A2	8-10		W	232	Р	В		
	QUIZ	A2	8-10		F	139	p	В		
63684	LAB	A3	8-10		F	232	Ρ	В		
	ZIUQ	Α3	8-10	M		139	Р	В		
64060	LAB	<b>±</b> 882	8-10		W	264	Ρ	В		
	QUIZ	* &B 2	8-10		F	147	Р	В		
63692	LAB	В3	8-10		F	264	Р	В		
	QUIZ	B3	8-10	М		147	Р	в		
63706	LAB	C 2	10-12		W	232	Р	В		
	QUIZ	C.2	10-12		F	147	Р	В		
63714	LAB	C 3	10-12		F	232	Р	В		
	QUIZ	C3	10-12	М		147	P	В		
63722	LAB	D2	10-12		W	264	р	В		
03122	QUIZ	D2	10-12		F	319	CE			
63731	LAB	D3	10-12		F	264	p	В		
03.31	QUI Z	D3	10-12	M		143	Р	В		
63749	LAB	E1	1-3	м		232	P	8		
03.17	QUIZ	Fl	1-3	.,	W	147	P	В		
63757	LAB	E2	1-3		W	232	P	В		
03.5.	QUIZ	E2	1-3		" F	147	P	В		
63765	LAB	E3	1-3		F	232	P	В		
0,,0,	QUIZ	E3	1-3	M	•	147	P	В		
64078	LAB	*&F1	1-3	М		264	P	8		
0.010	QUIZ	*&F1	1-3		W	137	p	В		
63773	LAB	F2	1-3		W	264	P	8		
03.13	QUIZ	F2	1-3		F	137	P	В		
63781	LA8	F3	1-3		F	264	P	В		
03.01	QUIZ	F3	1-3	м		137	P	8		
63790	LAB	G1	3-5	М		232	P	В		
03170	QUIZ	G1	3-5	,,	W	137	P	В		
63803	LAB	G2	3-5		W	232	P	В		
03003	2UIZ	G2	3-5		" F	139	P	В		
63811	LAB	G 3	3-5		F	232	P	8		
03011	ZUIZ	G3	3-5	м		143A	м	E	А	
63820	LAB	H1	3-5	М		264	P	В	U	
03020	QUIZ	Hi	3-5		W	147	P	8		
63838	LAB	H2	3-5		W	264	P	В		
03030	QUIZ	H2	3-5		" F	147	p	В		
63846	LAB	H3	3-5		F	264	P	В		
05040	QUIZ	H3	3-5	M	,	147	P	В		
63854	LAB	Il	8-10	TI.	1	232	p	В		
03034	QUIZ	Il	8-10		ТН	147	P	В		
63862	LAB	12	8-10		TH	232	P	8		
03002	QUIZ	12	8-10		S	139	p	В		
	4017	12	0-10		3	137		0		

uc c	104 000	NETANIED					
YC S	106 CO	NTINUED LAB	13	8~10	S	232	РВ
	03011	ZIUQ	13	8-10	TU	139	PH
	63889	LAB	J1	8-10	TU	264	P B
	0 7 0 0 7	QUIZ	Jl	8-10	TH	132	PB
	63897	LAB	J2	8-10	TH	264	PB
	03071	ZIUÇ	J2	8-10	S	147	PB
	63901	LAB	J3	8-10	S	264	PB
	03,01	QUIZ	J3	3-10	TU	147	PB
	64786	LAB	* £K 1	10-12	TU	232	РВ
	0	QUIZ	*&K1	10-12	TH	132	PB
	63919	LAB	K2	10-12	TH	232	PB
		QUIZ	K 2	10-12	S	139	P 8
	63927	LAB	К3	10-12	S	232	РВ
		QUTZ	К3	10-12	TU	139	PB
	63935	LAB	L I	10-12	TU	264	PB
		ZIUQ	L1	10-12	TH	164	PB
	63943	LAB	L2	10-12	TH	264	PB
		QUIZ	L2	10-12	S	147	P B
	63951	LAB	L3	10-12	S	264	P B
		ZIUP	L3	10-12	TU	147	P B
	64094	LAB	1M3*	1-3	TU	232	P B
		ZIUQ	1 M3*	1-3	TH	147	P 8
	63960	LAB	M2	1-3	TH	232	PB
		ZIUG	M2	1-3	TU	147	P B
	64108	LAB	1 N3 *	1-3	TU	264	РВ
		QUIZ	*EN1	1-3	TH	143	PB
	63978	LAB	N2	1-3	TH	264	P B
		QUIZ	N2	1-3	TU	143	РВ
	63986	LAB	01	3-5	TU	232	РВ
		QUIZ	01	3-5	TH	234	P B
	63994	LAB	02	3-5	TH	232	P B
	((00)	QUIZ LAB	02	3~5	TU TU	234	P 8
	64001	QUIZ	P I	3-5		264	P B
	64019	LAB	P1 P2	3-5 3-5	TH TH	164 264	P B P B
	64019	QUIZ	P2	3-5	TU	262	PB
	64027	LAB	01	7-9PM	W	232	PB
	04021	QUIZ	01	1-3	м	143	PB
	64035	LAB	02	7~9PM	m W	264	P B
	0 4033	QUIZ	92	3-5	м	143	PB
	64043	LAB	R I	7~9PM	TH	232	P B
	0.1013	QUIZ	R1	3-5	TU	147	P B
	64051	LAB	R2	7-9PM	TH	264	PB
	04001	QUIZ	R2	3-5	TU	143	PB
		4012	1.2	, ,		143	, 0

PHY

PHYCS 107 GENERAL PHYSICS (HEAT, ELECTRICITY, AND MAGNETISM).

FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.

PREREQUISITE: PHYCS. 106; CREDIT OR REGISTRATION IN MATH. 140

OR 141.

4 HOURS

*FOR	JAMES SCHOLA	RS AND	OTHER HONOR	STUDENTS.			
64116	LECT	B	11	TU TH	151	P	В
64124	LAB	A3	8-10	F	234	Ρ	В
	QUIZ	A3	8-10	M	234	P	8
64132	LAB	В3	8-10	F	262	Р	8
	ZIUQ	B3	8-10	М	262	Ρ	В
64221	LAB	*&C3	10-12	F	234	Р	В
	QUIZ	*&C3	10-12	M	234	Ρ	В
64141	LAB	03	10-12	F	262	Р	В
	QUIZ	D3	10-12	M	262	P	В
64159	LAB	E 2	1-3	W	234	Ρ	В
	ZIUQ	E2	1-3	F	139	P	В
64167	LAB	E3	1-3	F	234	P	В
	QUIZ	E 3	1-3	M	234	Р	В
64175	LAB	F2	1-3	W	262	Р	В
	QUIZ	F2	1-3	F	262	Ρ	В
64183	LAB	H3	3-5	F	234	P	В
	ZIUP	Н3	3-5	M	234	P	В
64191	LAB	12	8-10	TH	234	ρ	8
	QUIZ	12	8-10	TU	234	Ρ	В
64205	LAB	J2	8-10	TH	262	P	В
	QUIZ	J2	8-10	TU	262	Ρ	В
64230	LAB	*&M2	1-3	TH	234	Р	В
	QUIZ	*&M2	1-3	ŤU	234	Р	8
64213	LAB	N2	1-3	TH	262	Ρ	В
	QUIZ	N2	1-3	TU	262	Р	8

LAVATELLI

PHYCS 108 GENERAL PHYSICS (WAVE MOTION, SOUND, LIGHT AND MODERN PHYSICS).

FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY. PREREQUISITE: PHYCS. 107; CREDIT OR REGISTRATION IN MATH. 140 7R 141. 4 H7URS

> HOLLOWAY HOLLOWAY

4 H JUKS							
*FOR JA	MES SCHOL	AKS AND C	THER HONER	STUDENTS.			
64248	LECT	A	2	H W	141	P B	
64256	LECT	8	4	M W	141	PB	
64264	LAB	A2	8-10	B	236	P B	
	QUIZ	A2	8-10	F	143	PB	
64272	LAB	A 3	8-10	F	236	P 8	
	QUIZ	A3	8-10	H	236	PB	
64281	LAB	B2	8-10	W	258	PB	
	QUIZ	B 2	8-10	F	319	CER	
64299	LAB	В3	8-10	F	258	P 8	
042 77	QUIZ	В3	8-10	м	258	PB	
64515	LAB	*802	10-12	'' W	236	РВ	
04313	QUIZ	*&C2	10-12	<b>"</b> F	132	PB	
64302			10-12	F	236	P 8	
64702	LAB	C 3		м			
44211	ZIUÇ	C3	10-12		236		
64311	LAB	D2	10-12	W	258	P B	
	QUIZ	D 2	10-12	F	143	РВ	
64329	LAB	D3	10-12	F	258	РВ	
	ZIUP	D3	10-12	М	258	PB	
64337	LAB	E1	1-3	W	236	PB	
	ZIUC	E1	1-3	M	319	CER	
64345	LAB	E2	1-3	W	258	PB	
	QUIZ	E2	1-3	F	319	CER	
64353	LAB	E3	1-3	F	236	P B	
	QUIZ	E3	1-3	H	262	PB	
64361	LAB	F3	1 -3	F	258	PB	
	QUIZ	F3	1-3	м	236	P B	
64370	LAB	G2	3-5	W	236	PB	
	QUIZ	G2	3-5	F	143	PB	
64388	LAB	G3	3-5	F	236	PB	
0.500	QUIZ	G3	3-5	М	319	CER	
64396	LAB	Н3	3-5	F	258	PB	
04370	QUIZ	Н3	3-5	M	262	PB	
64400	LAB	11	8-10	้าบ	236	PB	
04400	ZIUÇ	11	8-10	TH	137	PB	
44410				TH		PB	
64418	LAB	12	8-10	TU	236 137		
44424	QUIZ	12	8-10				
64426	LAB	7,1	8-10	TU	258	PB	
	QUIZ	J1	8-10	TH	143	P 8	
64434	LAB	J2	8-10	TH	258	PB	
	ZIUP	JZ	8-10	TU	143	PB	
64523	LAB	*&K1	10-12	TU	236	PB	
	QUIZ	*&K1	10-12	TH	139	PB	
64442	LAB	K2	10-12	TH	236	PB	
	QUIZ	K2	10-12	TU	234	P B	
64451	LAB	L1	10-12	TU	258	PB	
	QUIZ	L1	10-12	TH	147	P 8	
64469	LAB	L2	10-12	TH	258	PB	
	QUIZ	L2	10-12	TU	262	PΒ	
64531	LAB	*&M1	1-3	TU	236	P B	
	QUIZ	*EM1	1-3	TH	139	P B	
64477	LAB	M2	1-3	TH	236	P B	
	QUIZ	MZ	1-3	TU	319	CER	
64540	LAB	*EN1	1-3	TU	258	PB	
	SIUG	*EN1	1-3	TH	144	P B	
64485	LAB	N2	1-3	TH	258	PB	
	QUIZ	N2	1-3	TU	139	PB	
64493	LAB	01	3-5	TU	236	PB	
37773	QUIZ	01	3-5	TH	139	PB	
64507	LAB	P1	3-5	TU	258	PB	
34301		P1	3-5	TH	147	PB	
	QUIZ	P 1	3-3	171	147	, 0	

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UNDERGRADUATE OPEN SEMINAR.
 PHYCS 199
                      *MAY BE REPEATED.

*O TO 9 HOURS
                       SECTION L: PHYSICS AND THE MODERN WORLD, A COURSE FOR
                       NON-SCIENTISTS.
                                   CONF
                   64566
                                                                        Δ
                                                                                      ARR
                  64574
                                                                       В
                                                                                      ARR
                  64582
                                                                                    ARR
                                           CONF
                                                                       C
                                                                                                              M W F
                  64558
                                           LECT
                                                                      Ł.
                                                                                                                                          151 P B
                                                                                                                                                                                           LAZARUS
                                                COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
 PHYCS 303 MODERN EXPERIMENTAL PHYSICS, 1.
                     PREREQUISITE: PHYCS. 342; REGISTRATION IN PHYCS. 381 OR 386.
                      5 HOURS OR 1 UNIT
                       *FOR HONORS STUDENTS. HONOR STUDENTS SHOULD NOT REGISTER FOR THE
                      LECTURE.
                  64591
                                                                                                                                            137 PB
336 PB
336 PB
                                            LECT
                                                                                             3-5
                                                                                                                                                                                            MOCHEL
                                           LAB
LAB
LAB
                                                                     Α
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                                                                                                                                                                                            MOCHEL
                  64604
                                                                                                              TU TH
                  64612
                                                                       В
                                                                                             1-5
                                                                                                                                                                                             MOCHEL
                                                                    #EC ARR
                  64621
                                                                                                                                                                                              KLEIN
                     4 MODERN EXPERIMENTAL PHYSICS, II.
PREREQUISITE: PHYCS. 303.
 PHYCS 304
                       5 HOURS OR 1 UNIT
                       *FOR HONORS STUDENTS.
                  64639 LAB A 1-5 W F 336 P B
64647 LAB B I-5 TU TH 336 P B
64655 LAB *&C ARR
                                                                                                                                                                                           MOCHEL
                                                                                                                                                                                            MOCHEL
                                                                                                                                                                                            KLEIN
 PHYCS 321 THEORETICAL MECHANICS.
PREREQUISITE: GENERAL PHYSICS, CONCURRENT REGISTRATION IN
                      MATH. 341, 345, DR 349.
                       *NO GRADUATE CREDIT IS GIVEN TO GRADUATE MAJORS IN PHYSICS.
                     *4 HOURS OR 1 UNIT
                 64663 LECT
64671 LECT
                                                                                                                 M W F
                                                                                           10
                                                                                                                                            136 P B
139 P B
                                                                                                                                                                                              STACK
                                                                                                                                                                                        DEEGAN
                                                                     8
                                                                                        11
                                 THEORETICAL MECHANICS .
 PHYCS 322
                     PREREQUISITE: PHYCS. 321.
                     PREREQUISITE: FROM A CONTROL OF THE PROPERTY O
                 64680 LECT A 11
64698 LECT *B 1-
                     1 ELECTRICITY AND MAGNETISM.
PREREQUISITE: GENERAL PHYSICS, REGISTRATION IN MATH. 341, 343,
OR 345, OR CONSENT OF INSTRUCTOR.
**NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.
**4 HOURS, OR 1/2 OR 1 UNIT
 PHYCS 341
                                                                                          9
10
2-5
8-11
                                                                                                                                            158 P B
158 P B
332 P B
332 P B
332 P B
                                                                                                                M W F
M W F
M
                 64701 LECT
64710 LECT
                                                                    Α
                                                                                                                                                                                           ROBINSON
                                                                      В
                                 LECT B
LAB A
LAB B
LAB C
LAB D
LAB F
LAB F
LAB G
                  64728
                  64736
                                                                                                                TH
TH
                                                                                            1-4
                  64744
                                                                                                                                           332 P B
332 P B
332 P B
332 P B
                                                                                             2-5
                  64752
                 64761
                                                                                             8-11
                                                                                             1-4
                 64779
                 64787
                                                                                            2-5
PHYCS 342 ELECTRICITY AND MAGNETISM.
                     PREREQUISITE: PHYCS. 341.
                      *NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.
                 *MO GRADUATE CREDIT FOR GRAI
*4 HOURS, OR 1/2 OR 1 UNIT
64795 LECT
64809 LECT B
64817 LAB A
64825 LAB B
64833 LAB C
64841 LAB C
64864 LAB G
                                                                                          9
                                                                                                                                            136 P B
136 P B
364 P B
                                                                                                                                                                                         GINSBERG
                                                                                                                 M W F
                                                                                                                                                                                            BRUSSEL
                                       LAB
LAB
LAB
LAB
LAB
LAB
                                                                                                                 M W F
                                                                                            8-11
                                                                                                                                            364 P B 364 P B 364 P B 364 P B 364 P B
                                                                                            1-4
                                                                                             8-11
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                                                                                             2-5
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PHYCS		ECTRONIC C						
	5 HOUR	JISITE: PHY S OR 1 UNIT						
	64876	LECT LAB LAB LAB LAB		1	M W	151	₽ 8	PEACOCK
	64884	LA8	A	2-5	M W	434	P 8	
	64906	LAB	C	1-4	TU TH	434	PB	
	64914	LAB	D	2-5	F	434	PB	
			D	9-12	S	434	РВ	1
DU VC C	360 TI	HERMODYNAMI	r c					
FH IC 3	PREREGI	ITSITE: GENE	FRAI PHYS	ICS AND CA	LCULUS.			
	4 HOURS	S OR I UNIT		* ^				WOSH 50
	04922	LECT		10	M W F	144	РВ	KOEHLER
BUVCC	242 V	INETIC THEO	DV AND CT	TATICTICS				1
PHICS	PREREQU	JISITE: PHY	CS. 360 C	R CONSENT	OF INSTRUC	TOR.		
		OR 1 UNIT		10 1100	T T.	150	0.0	
	64931	LEUI		10-1120	TU TH	158	РВ	MO0
0.111.0.0	2//		45155 OF	T.15 110060	AT MOS BUEDE	1110 6	2466	
PHAC 2	366 At	RONOMYPH	. AND AS	TR. 366.	AT MUS PHERE	AND S	PACE.	
	PREREGI	JISITE: PHY	CS. 342,	321 AND 38	11; OR CONS	ENT OF	INSTRUCTOR	
	4 HOURS	LECT	T	230-4	TU TH	137	P B	BOHMER
		200.	•	200 .		.,,		OUT.
DUVCS	371 LI	CHT						
711163	PREREQU	JISITE: GENI	FRAL PHYS	ICS, MATH.	345, OR CO	DNSENT	OF	
	INSTRUC	TOR. 5, OR 1/2 TO	1 124.77					
	64957	LECT	1 T ON II	10-1120	TU TH	136	P 8	KOESTER
	64965	L AB	A	2-5	М	432	РВ	
	64973 64981	LAB	B C	1-4	TH	432	P 8 P 8 P 8 P 8	
	01701	CHO		A 4	***	136	, 0	1
DHALE	382 NI	JCLEAR PHYS!	rrs.					
711103		ISITE: PHY		OR 383, OR	386.			
	3 HOURS 64990	OR 1 UNIT		1-220	TIL TH	159	D B	FRAUENFEL DER:
	04770	LLCI		1-230	10 111	170	- 0	PRACEIN EL DER
DUVE	302 A1	TOMIC PHYSIC	C AND OU	IANTIM THE	10 V			
PHIC3						RY, MA	TH. 345, OR	
	EQUI VAL							
	65006	LECT	A	9	M W F	151	P 8	MAURER
	65014	LECT	В	11	M W F	151	РВ	WATTENBERG
PH AC 2		MOITSUGGET						
	PREREQU *CREDII	HATE: MATE	1. 343, 3 ED FOR PH	145, OR CON	N ADDITION	TO PH	OR.	
	*4 HOUR	S OR 1 UNI	T					
	65022	LECT		830-10	TU TH	136	P B	CAMPBELL
PHYCS		TOMIC PHYSIC DISITE: GENI				5 OP C	ONSENT	
	OF INST	TRUCTOR.						
			D FOR PH	IYCS. 386 I	N ADDITION	TO PH	YCS. 381 OR	
	*4 HOUR	S OR 1 UNIT	r					
	65031	LECT		3-420	M W	136	РВ	ASCOLI
PHYCS	387 A1	OMIC PHYSIC	S AND QU	ANTUM MECH	ANICS, II.			
	*CREDII	ISITE: PHYONE NOT ALLOWE	D FOR PH	YCS. 387 I	N ADDITION	TO PH	YCS. 385.	
	*4 HOUR	S OR 1 UNIT						MOUSE AND
	65049	LELT		9	N W F	144	P 8	KRUSE AND STAPLETON
			co	URSES FOR	GRADUATES			
			30					
PHYCS	422 01	MAMICS AND	NCN-LINE	AR MECHANI	CS.			
	PREREQU	ISITE: PHYC						1
	1 UNIT 65057	LECT		3-420	M W	139	РВ	JACKSON

PHYCS 424 RELATIVITY AND COSMOLOGY.

SAME AS MATH. 460 AND ASTR. 424.

PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 65065 M W F 140 BUR HALL MAY 1 ECT PHYCS 435 THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.
SAME AS E.E. 435. PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC PHYSICS. 1 UNIT 65073 LECT 1-220 TU TH 137 P B HANDLER 1 ELECTRODYNAMICS.
PREREQUISITE: PHYCS. 342 OR EQUIVALENT, REGISTRATION IN PHYCS. 400
OR CONSENT OF INSTRUCTOR. PHYCS 441 1 UNIT 65081 LECT M W F 137 P B ADLER PHYCS 442 ELECTRODYNAMICS.
PREREQUISITE: PHYCS. 441. 1 UNIT 65090 10-1120 TU TH 144 P B LECT SMITH PHYCS 455 REACTOR PHYSICS. 1. SAME AS NUC. E. 455.
PREREQUISITE: MATH. 343 AND 345, NUC. E. 347, OR CONSENT OF INSTRUCTOR. 1 UNIT 65103 LECT-DISC 10 M W F 203 N E L PHYCS 456 REACTOR PHYSICS, II. SAME AS NUC. E. 456.
PREREQUISITE: PHYCS. 455 OR CONSENT OF INSTRUCTOR. 1 UNIT 65111 L ECT-DISC 3 M W F 203 N E L STATISTICAL MECHANICS AND KINETIC THEORY. PREREQUISITE: PHYCS. 360 AND ELEMENTARY QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR. 1 UNIT 65120 1-220 TU TH 136 P B PETHICK LECT 5 PLASMA PHYSICS.
PREREQUISITE: PHYCS. 362, AND 441 OR E. E. 423 OR CONSENT OF INSTRUCTOR. 1 UNIT 65138 LECT 3-420 M W 214 CER TANAKA

PHYCS 465 RAETHER AND

INTRODUCTION TO NUCLEAR AND PARTICLE PHYSICS. PHYCS 470 PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR.

65146 LECT 3-420 M W 144 P B SCHULT

1 UNIT

PHYCS 481

PHYCS 476 PARTICLE PHYSICS II. PREREQUISITE: PHYCS. 475. 1 UNIT 65154 10 M W F 137 P B LECT SULLIVAN

QUANTUM MECHANICS, I.
PREREQUISITE: SENIOR LEVEL ATOMIC PHYSICS AND QUANTUM MECHANICS, OR PHYCS 480 CONSENT OF INSTRUCTOR. 1 UNIT

65162 LECT 11 M W F 158 P B BAYM

81 QUANTUM MECHANICS, II.
PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR. 1 UNIT LECT 830-10 TU TH 144 P B JONES/LAMB 65171

483 GENERAL FIELD THEORY.

PREREQUISITE: PHYCS. 481 OR CONSENT OF INSTRUCTOR.

1 UNIT

11 M W F 144 P B 65189 LECT

ADVANCED FIELD THEORY.

PREREQUISITE: PHYCS. 483 OR CONSENT OF INSTRUCTOR.

1 UNIT

65197 1-230 M W 139 P B CHANG

PHYCS 489

9 SOLID STATE PHYSICS, I.
PREREJULSITE: PHYCS. 360, 362, 381, 480, DR CONSENT OF INSTRUCTOR.

1 UNIT 1-220 M W 144 P B

PHYCS 490

PREREQUISITE: PHYCS. 489 OR CONSENT OF INSTRUCTOR. 1 UNIT

1-220 M W 136 P B 65219 LECT FLYNN

PHYCS 497 INDIVIDUAL STUCY.

1/2 OR 1 UNIT 65227 CONF A ARR 65235 CONF B ARR 65243 CONF C ARR

PHYC 5 498 SEMINAR. 1/2 OR 1 JNIT

\*LECT X: SUBJECT TO BE ANNOUNCED (1 UNIT).
\*LECT Y: SUBJECT TO BE ANNOUNCED (1 UNIT).
\*LECT Z: SUBJECT TO BE ANNOUNCED (1 UNIT).

65251 LECT \*X 830-10 TUTH 158 PB 65260 LECT \*Y 10 M W F 139 PB 65278 LECT \*7 3-430 M W 158 PB DUKE

THESIS RESEARCH. PHYCS 499

O TO 4 UNITS ARR 65286 CONF

## PHYSIOLOGY

#### DEPARTMENT DEFICE

524 BUR HALL

RAVENHALL

BROWN, F. C.

MAJOR: TWENTY HOURS IN ANIMAL PHYSIOLOGY OR, WITH APPROVAL OF THE ADVISER, UPPER DIVISION COURSES IN GENETICS, BIOCHEMISTRY, ADVISER, UPPER DIVISION COURSES IN GENETICS, BIOCHEMISTRY, BIOPHYSICS, AND PLANT PHYSIOLOGY, NOT INCLUDING ELEMENTARY COURSES, AND INCLUDING PHYSIOLOGY 301, GENERAL PHYSIOLOGY; PHYSIOLOGY 303, SENERAL PHYSIOLOGY; AND PHYSIOLOGY 304, EXPERIMENTAL ANIMAL PHYSIOLOGY; AND PHYSIOLOGY 304, EXPERIMENTAL PHYSIOLOGY LABORATORY. THE STUDENT'S PROGRAM MUST INCLUDING A YEAR OF GENERAL BIOLOGY, INCLUDING BOTH ANIMAL AND PLANT BIOLOGY; A SEMESTER OF GENETICS; MATHEMATICS THROUGH FLEMENTARY CALCULUS; TWO SEMESTERS OF PHYSICS; AND FOUR SEMESTERS OF CHRISTRY, INCLUDING GENERAL, INDRGANIC, ORGANIC, AND QUANTITATIVE CHEMISTRY, MICROBIOLOGY, EMBRYOLOGY, HISTOLOGY, PHYSICAL CHEMISTRY, AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

MINOR: TWENTY HOURS MAY BE CHOSEN FROM PHYSICS, CHEMISTRY, MICROBIOLOGY OR ZOOLOGY, PROVIDED AT LEAST 8 SEMESTER HOURS ARE OFFERED IN THE LESSER, IF TWO MINORS ARE CHOSEN.

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST ENROLL IN PHYSIOLOGY 290 READING COURSE, WORK WITH AN ADVISER FOR AT LEAST THO SEMESTERS, AND TAKE A GENERAL EXAMINATION IN THE LAST SEMESTER OF THE SENIOR YEAR.

#### COURSES FOR UNDERGRADUATES

PHYSE 103 INTRODUCTION TO HUMAN PHYSIOLOGY.

PREREQUISITE: CHEM. 100 OR EQUIVALENT. A FAMILIARITY WITH

THE PRINCIPLES OF BIOLOGY IS RECOMMENDED.

4 HOURS

	4 HOURS					
	STUDENTS			NS OF THE	A OR B SER	IES MAY
	REGISTER	IN ANY LECT				
	65294	LECT	A	2	M W	228 N H B
	65308	LECT	В	10	TU TH	228 N H B
	65316	LAB-DISC	14	8-10 8-10		
	65324	LAB-DISC	1 A 1 B	8-10	M M	304 H H 312 H H
•	67324	LAB-DISC	18	8-10	W	304A H H
	65332	LAB-DISC	2 A	10-12	м	310 H H
,	07332	CMD-D13C	2A	10-12	W	304 H H
	65341	LAB-DISC	2B	10-12	H	312 H B
		240 0100	28	10-12	W	304A H H
	55359	LAB-DISC	3 A	1-3	N	310 H H
			3 A	1-3	W	304 H H
- 6	55367	LAB-DISC	38	1-3	M	312 H H
			38	1-3	H	304A H H
- (	55375	LAB-DISC	4 A	3-5	M	310 H H
			44	3-5	W	304 H H
- 6	55383	LAB-DISC	48	3-5	М	312 H H
			4B	3-5	W	304A H H
6	55391	LAB-DISC	5A	8-10	TU	310 H H
			5 A	8-10	TH	304 H H
	55405	LAB-DISC	58 58	8-10	TU	312 H H
	55413	1 40 DICC		8-10		
,	07413	LAB-DISC	6A 6A	10-12 10-12	TH TH	310 H H 304 H H
	55421	LAB-DISC	6B	10-12	TU	312 H H
,	27761	LAD DISC	6B	10-12	TH	304A H H
6	55430	LAB-DISC	7A	1-3	TU	310 H H
			7A	1-3	TH	304 H H
6	55448	LAB-DISC	78	1-3	TU	312 H H
			78	1-3	TH	304A H H
- 6	55456	LAB-DISC	8 A	3-5	TU	310 H H
			8A	3-5	TH	304 H H
6	55464	LAB-DISC	88	3-5	TU	312 H H
			88	3-5	TH	304A H H
6	55472	LAB-DISC	9A	8-10	W	310 H H
	55481	LAB-DISC	9A 98	8-10 8-10	N W	304 H H 312 H H
	10401	LAD-DISC	98	8-10	н "	312 H H 304A H H
-	55499	LAB-DISC	10A	10-12	" W	310 H H
		2	10A	10-12	H	304 H H
6	55502	LAB-DISC	108	10-12	H	312 H H
			108	10-12	M	304A H H
6	55511	LAB-DISC	11A	1-3	W	310 H H
			11A	1-3	H	304 H H
•	55529	LAB-DISC	12A	3-5	H	310 H H
			12A	3-5	M	304 H H
	55537	LAB-DISC	128	3-5	W	312 H H
	55545	LAB-DISC	12B 13A	3-5 8-10	M TH	304A H H 310 H H
	77747	LAD-DISC	13A	8-10	TU	304 H H
6	55553	LAB-DISC	138	8-10	TH	312 H H
		CAD DISC	138	8-10	TU	304A H H
6	55561	LAB-DISC	14A	10-12	TH	310 H H
			14A	10-12	TU	304 H H
6	55570	LAB-DISC	148	10-12	TH	312 H H
			148	10-12	TU	304A H H
6	5588	LAB-DISC	15A	1-3	TH	310 H H
			15A	1-3	TU	304 H H
6	5596	LAB-DISC	15B	1-3	TH	312 H H
	E/00		15B	1-3	TU	304A H H
6	55600	LAB-DISC	16A 16A	3-5 3-5	TH TU	310 H H 304 H H
	55618	LAB-DISC	16B	3-5	TH	304 H H 312 H H
		F42 D130	168	3-5	TU	304A H H

TAYLOR, BADGER AND RUH

#### COURSES FOR ADVANCED UNDERGRADUATES

4 HUMAN ANATOMY AND PHYSIOLOGY.
PREREQUISITE: ZOOL. 104 AND PHYSL. 103, OR CONSENT OF INSTRUCTOR. 5 HOHRS 65626 LECT TH TH 124 BUR HALL STOLPE 1.1 M W F M W F M W F M W F M W F A 1 8-10 8-10 65634 LAB 413 BUR HALL A2 65642 LAB 422 BUR HALL 65651 LAB B1 10-12 413 BUR HALL LAB 65669 82 10-12 422 BUR HALL LAB LAB LAB LAB LAB B2 10-12 M W F
C1 1-3 M W F
D1 3-5 M W F
F1 8-11 TU TH
E2 8-11 TU TH
G1 1-4 TU TH
H1 630-930PM TU TH 65677 413 BUR HALL 65685 413 BUR HALL 413 65693 BUR HALL 65693 65707 65715 65723 422 BUR HALL 413 BUR HALL 413 BUR HALL PHYSL 290 READING COURSE. PREREQUISITE: A COURSE IN PHYSIOLOGY, CONSENT OF INSTRUCTOR. 2 TO 4 HOURS NOTE: THIS COURSE IS NOT LIMITED TO HONORS STUDENTS. CONF ARR STAFF PHYSI 291 DISCUSSIONS IN GENERAL PHYSIOLOGY. PREREQUISITE: PHYSL. 301 OR CONCURRENT REGISTRATION, AND CONSENT OF INSTRUCTOR. 2 HOURS TOPIC: MUSCLE. 730-930 PM TH 422 BUR HALL 65740 DISC RARR DISCUSSIONS IN ANIMAL PHYSIOLOGY.
PREREQUISITE: PHYSL. 302 OR CONCURRENT REGISTRATION, AND CONSENT OF INSTRUCTOR. 2 HOURS TOPIC: KIDNEY FUNCTION. 65758 7-9PM BADGER DISC 140 BUR HALL COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES PHYSL 302 ANIMAL PHYSIOLOGY . PREREQUISITE: BIOL. 111 OR BIOL. 251 OR EQUIVALENT, AND ONE YEAR EACH OF COLLEGE-LEVEL MATHEMATICS AND PHYSICS. AND CHEMISTRY THROUGH ORGANIC. 3 HOURS OR 3/4 UNIT LECT M W F 124 BUR HALL 65766 10 BADGER PHYSL 304 EXPERIMENTAL PHYSIOLOGY LABORATORY. PREREQUISITE: PHYSL. 302 OR CURRENT REGISTRATION. 2 HOURS OR 1/4 UNIT 65774 LAB 523 BUR HALL STAFF 65782 LAB 2 1-5 TU 523 BUR HALL 65791 LAB 1-5 523 BUR HALL 3 TH LAB 1-5 523 BUR HALL 65804 4 LAB 65812 1-5 5 523 BIIR HALL LAB 65821 6 8-12 523 BUR HALL TH 65839 LAB 7 8-12 523 BUR HALL PHYSL 306 QUANTITATIVE METHODS IN ERGONOMICS.

SAME AS I. E. AND P. E. 306.

PREREQUISITE: I. E. /P. E./PHYSL. 305.

4 HOURS OR 1 UNIT 65847 LAB 1-4 TU TH 422 BUR HALL JOHNSON AND HERTIG PHYSL 312 ENDOCRINOLOGY . SAME AS ZOOL. 312. PREREQUISITE: PHYSL. 301 OR A COURSE IN BIOCHEMISTRY; CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT 65855 LECT 202 H H GORSKI

PHYSL 374 PROBLEMS IN HUMAN ECOLOGY. SAME AS ANTH-, H. ED., GEOG., PSYCH-, SOC., AND V.M.S. 374-PREREQUISITE: ANTH-, GEOG., H. ED., PHYSL-, SOC., V.M.S. OR ZOOL. 369. 4 HOURS OR 1 UNIT \*ONE DISC HOUR TO BE ARRANGED. LECT-DISC \*11 65863 M W F 393 BEV HALL LEVINE COURSES FOR GRADUATES PHYSL 402 COMPARATIVE AND ADAPTATIONAL PHYSIOLOGY. PREREQUISITE: ONE YEAR OF COLLEGE-LEVEL PHYSICS, CHEMISTRY THROUGH ORGANIC, UPPER DIVISION COURSE IN PHYSIOLOGY, KNOWLEDGE OF CALCULUS PRESUMED. 1 UNIT 65871 LECT-DISC TUWTHE 136 BUR HALL PROSSER AND STAFE PHYSIOLOGICAL MEASUREMENTS.

PREREQUISITE: CHEM. 355 OR EQUIVALENT OR CONSENT OF INSTRUCTOR. PHYSI 404 1 1/4 UNITS \*ADDITIONAL HOURS TO BE ARRANGED. 880 LECT-DISC \*1-3 65880 \*1-3 A \*8+12 M TU TH 422 BUR HALL BUETOW AND 542 BUR HALL 65898 LAB STAFF 65901 LAB В \*2-6 TU TH 542 BUR HALL ADVANCED ENDOCRINGLOGY.

SAME AS AN. S., D. S., AND ZOOL. 412.

PREREQUISITE: PHYSL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.

\*STUDENTS MAY ACCUMULATE 2 UNITS. PHYSE 412 \*1/2 UNIT TOPIC: TO BE ANNOUNCED. 730-10PM M 65910 DISC 140 BUR HALL NALBANDOV EXPERIMENTAL MAMMALIAN PHYSIOLOGY, II. PREREQUISITE: PHYSL, 401 AND 402 OR EQUIVALENT, CONSENT OF INSTRUCTOR. 1 LINET 2-5 F 542 BUR HALL S 422 BUR HALL 65928 М LAB STEGGERDA 9-12 DISC STRUCTURE AND FUNCTION OF THE NERVOUS SYSTEM.
PREREQUISITE: TWO SEMESTERS OF PHYSIOLOGY COURSES BEYOND THE
ELEMENTARY LEVEL, TWO SEMESTERS OF GENERAL PHYSICS, CONSENT OF INSTRUCTOR. 1 UNIT 65936 930-11 TU TH 1 FCT 136 BUR HALL ADES AND 1 AR 2 -6 W 422 BUR HALL BARKER PHYSL 431 EXPERIMENTAL RADIOBIOLOGY.

PREREQUISITE: PHYSL. 331 OR EQUIVALENT, CONSENT OF INSTRUCTOR.

1 UNIT
65944 LAB 2-6 M W 542 BUR HALL DUCOFF

PHYSL 451 ADVANCED CELLULAR PHYSIOLOGY.

SAME AS ZOOL. 451.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 UNIT

\*SECTION A TOPIC: BIOLOGY OF AGING.

\*SECTION 3 TOPIC: MOLECULAR ASPECTS OF FUNCTION OF CELL MEMBRANES.

\*SECTION 3 TOPIC: MOLECULAR ASPECTS UP FUNCTION OF CELL MEMBRANES.
SECTIONS A AND B MAY BE TAKEN CONCURRENTLY.
65952 DISC \*A 730-930PM TH 501 BUR HALL BUETOW, DUCOFF
65961 DISC \*B 730-930PM W 501 BUR HALL WILLIS, GORSKI

65961 DISC \*B 730-930PM W 501 BUR HALL WILLIS, GDRSKI JENDRASIAK AND BARR

PHYSL 472 HUMAN PHYSIOLOGY SEMINAR.

PREREQUISITE: TWO SEMESTERS OF ADVANCED PHYSIOLOGY AND ONE SEMESTER

OF BIOCHEMISTRY, CONSENT OF INSTRUCTOR.

1/2 UNIT

TOPIC: BODY COMPOSITION.

65979 DISC 3-5 W 136 BUR HALL

JOHNSON, TEIGLER AND LOHMAN I INDIVIDUAL TOPICS.
PREREQUISITE: APPROVAL OF DEPARTMENT. 1/2 TO 2 UNITS \*SECTION B OPEN ONLY TO STUDENTS WHO HAVE DUPLICATE REGISTRATION IN COURSE.

ARR 65995 \* B CONF ARR

STAFF

THESIS RESEARCH.

PREREQUISITE: CONSENT OF INSTRUCTOR. PHYSL 499

O TO 4 UNITS \*NOTE--SECTION B OPEN ONLY TO THOSE WHO HAVE A CONFLICT

WITH SECTION A. 66001 F 140 BUR HALL STAFF 66710 CONF \*B ARR

PLANT PATHOLOGY

DEPARTMENT OFFICE 218 M H

COURSES FOR UNDERGRADUATES

UNDERGRADUATE OPEN SEMINAR.

\*MAY RE REPEATED. \*0 TO 9 HOURS

66028 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

INTRODUCTORY PLANT PATHOLOGY. PREREQUISITE: BOT. 100 OR EQUIVALENT.

3 HOURS

66036 LAB-DISC 10-12 TU TH W121 T H LINN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SPECIAL PROBLEMS. PREREQUISITE: FOR UNDERGRADUATES MINIMUM GRADE POINT AVERAGE 3.5,

NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF THE INSTRUCTOR AND HEAD OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND

AND/OR THIRD SPECIAL PROBLEM COURSE.
\*MAXIMUM CREDIT EIGHT HOURS OR TWO UNITS.
\*1 TO 4 HOURS, OR 1/4 TO 1 UNIT

BEVER, BLACK, CARTER EDWARDS, FORSBERG, CHAMBERLAIN, GERDEMANN, GRAY

GOTTLIEB, HARTSTIRN, HOOKER, JEDLINSKI, LINN, MALEK, PAXTON, POWELL, SCHOENEWEISS, SHAW, SHURTLEFF,

SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF

INSTRUCTOR.

66044 CONF 66052 CONF STAFF ARR εв STAFF

PREREQUISITE: PL. PA. 204 OR EQUIVALENT, AND AN INTRODUCTORY COURSE PI PA 303 IN ZOOLCGY OR BIOLOGY.

3 HOURS OR 3/4 UNIT 66061 LAB-DISC 8-10 M W W121 T H TAYLOR

PL PA 304 FOREST TREE DISEASES AND WOOD DETERIORATION. PREREQUISITE: JUNIOR STANDING IN FORESTRY OR OTHER PLANT

SCIENCE. 3 HOURS OR 3/4 UNIT

66079 LAB-DISC 10-12 M W W121 T H GERDEMANN

#### COURSES FOR GRADUATES

DISEASES OF FOREST AND SHADE TREES. PREREQUISITE: PL. PA. 204 OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT 087 LAB-DISC

66087

CARTER

PL PA 417 DISCUSSIONS IN PLANT PATHOLOGY.

1/4 UNIT

DISC 66095

W115 T H

STAFF

PL PA 499 THESIS RESEARCH.

PREREQUISITE: PL. PA. 302 OR EQUIVALENT.

O TO 4 UNITS

BEVER, BLACK, CARTER CHAMBERLAIN, GERDEMANN GOTTLIEB, HOOKER,
JEDLINSKI, LINN, MALEK,
PAXTON, POWELL, SHAW,
SHURTLEFF, SINCLAIR, TAYLOR. THORNBERRY.

66109 DISC

ARR

POLISH

SLAVIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 260 L H

COURSES FOR UNDERGRADUATES

POL UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED. \*0 TO 9 HOURS

READINGS IN POLISH LITERATURE. (3-5 HOURS).

66117

POLITICAL SCIENCE

DEPARTMENT OFFICE

326 I H

MAJOR: TWENTY HOURS FROM COURSES OFFERED BY THE DEPARTMENT OF MAJUR: IMENITY HOURS FROM COURSES OFFERED BY THE DEPARTMENT OF POLITICAL SCIENCE. A MAJOR MAY INCLUDE THREE SEMESTER HOURS FROM THE FOLLOWING COURSES: ECONOMICS 170, 171 (STATISTICS), ECONOMICS 214 (PUBLIC FINANCE), HISTORY 345, 346, 369, 370 (CONSTITUTIONAL HISTORY), MATHEMATICS 161 (STATISTICS), PSYCHOLOGY 135 (STATISTICS), AND SOCIOLOGY 185 (STATISTICS). A MAXIMUM OF EIGHT HOURS OF 100-LEVEL COURSES MAY BE OFFERED AS PART OF THE POLITICAL SCIENCE MAJOR.

MINOR: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHORPOLOGY, ECONOMICS, EDUCATION, FINANCE, GEOGRAPHY, HISTORY, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY, AND SPEECH. ONE OF THE CURRICULA IN LATIN-AMERICA STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR.

STUDENTS ENTERING THE UNIVERSITY AFTER SEPTEMBER 1, 1963, MAY NOT OFFER MORE THAN EIGHT HOURS OF : ">-LEVEL COURSES AS PART OF A MINOR, EXCEPT THAT MATH. 123 OR HIGHER-NUMBERED MATHEMATICS COURSES ARE NOT COUNTED IN THIS LIMITATION. POLITICAL SCIENCE 150 AND 151 GIVE A GENERAL SURVEY OF NATIONAL, STATE AND LOCAL GOVERNMENT IN THE UNITED STATES. POLITICAL SCIENCE 191 PRESENTS A SURVEY OF THE BASIC CONCEPTS AND METHODS OF POLITICAL SCIENCE AND OF SIGNIFICANT CURRENT GOVERNMENTAL AND POLITICAL PROBLEMS AND POLICIES. UNDERGRADUATES BEGINNING THE STUDY OF POLITICAL SCIENCE ARE ADVISED TO TAKE, FIRST, EITHER POL. S. 150 OR 191. STUDENTS PLANNING TO DO ADVANCED WORK SHOULD, DURING THE SOPHOMORE YEAR, TAKE EITHER 150 OR 191 AND FOLLOW IT WITH SUCH OTHER COURSES AS TO COMPLETE ONE OF THE FOLLOWING COMBINATIONS: 150 AND 151, 150 AND 184 OR 184 AND 191.

#### COURSES FOR UNDERGRADUATES

POL	PREREQ DE SIGN CREDIT	MERICAN GOVER UISITE: SOPHI ATION AS JAME IS NOT GIVE	DMORE S ES SCHO	TANDING, OF	FRESHMAN	STAND I NSTRUCT		
		TS ENROLLING N L1-L20.	IN LEC	TURE & MUST	SIGN UP I	FOR ONE	DISCUSSION	
	£6125	LECT	1.	9	TU TH	1 11 1	HEATER	LEWIS
	66133	DISC	L 1	10	TH	118		FEM 12
	66141	DISC	L 2	10	TH	153	ARMORY	
	66150	DISC	L 2	10	TH	102	L H	
	66168	DISC	L 4	10	TH	116	LH	
	66176	DISC	L 4	10	TH		LH	
	66184	DISC	L 6	11	TH		ARMORY	
	66192	DISC			TH		L H	
	66206	DISC	L 7 L 8	11	TH	116 118		
	66214	DISC	L 9	11	TH	140	LH	
		0150		9	I H			
	66222 66231	0130	L10	9	F		ARMORY	
						315		
	66249	DISC	L12	11	F	315		
	66257	DISC	L13	11	F		ARMORY	
	66265	DISC	L14	11	F	186		
	66273	DISC	L15	11	F	362	L H	
	66281	DISC	L16	10	F	138	ADMIN	
	66290	DISC	L17	10	F		ARMORY	
	66303	DISC	L18	10	F	329	G H	
	66311	DISC	L19	10	F	170	LH	
	66320	DISC	L20	10	F	176	LH	
		TS ENROLLING	IN LEC	TURE E MUST	SIGN UP	FOR ONE	DISCUSSION	
		N E1-E9.	_					
	66338	LECT	E	1	M W	314	A H	RUNDQUIST
	66346	DISC	E 1	1	TH	186	LH	
	66354	DISC	E2	1	TH	302	LH	
	66362	DISC	E3	2	TH		L H	
	66371	DISC	E 4	2	TH	186	LH	
	66389	DISC	E5	2	TH	194	LH	
	66397	D1 SC	E6	1	F	102	L H	
	66401	DISC	E7	1	F		LH	
	66419	DISC	E 8	1	F	118	LH	
	66427	DISC	E 9	1	TH	314	LH	
		LLOWING SIX S					D GRADUATE	
		TS AND ENROLL						
	66435	LECT-DISC		12	M W F		LH	
	66443	LECT-DISC		- 6	M W F	315		
	66451	LECT-DISC		12	MWF	315	G H	
	66460	LECT-DISC		12	M W F		ARMORY	
	66478	LECT-DISC		3-430	TU TH	329	ARMORY	
	66486	LECT-DISC	T	3-430	TU TH	310	L H	
POL		MERICAN GOVER UISITE: POL.				IMENT.		
	66494	LECT-DISC		9	M W E	138	ADMIN	MANNER
	00474	r EC 1-012C		9	n w F	100	ADMIN	MANNEK
POL	4 HOUR	NTERNATIONAL S	RELATI	ONS.				
	66508	LECT-DISC		1-3	TU TH	213	G H	WEINSTEIN
	65516	LECT-DISC	S	3-5	TU TH	192	L H	COHEN
			S	4	TH	305	G H	
	66524	LECT-DISC	P	3-5	TU TH	315	G H	

POL S 191 PRINCIPLES OF POLITICAL SCIENCE. PRENCIPLES OF POLITICAL SCIENCE.

PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.

\*CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191. #4 HOURS SECTION &C IS FOR JAMES SCHOLARS AND OTHER STUDENTS HAVING A GRADE 3-430 M W F 315 G H DOUGLAS 3-5 1-3 223 G H MCHENRY TU TH 138 ADMIN BYARS 8-10 TU TH 310 L H TU TH 329 ARMORY 1 -3 TU TH 9-11 329 ARMORY 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS POI 5 199 LECT-DISC A 2-4 TU 374 L H CARROLL 66591 COURSES FOR ADVANCED UNDERGRADUATES THE EXECUTIVE BRANCH OF GOVERNMENTS OF THE UNITED STATES. POI 5 263 PREREQUISITE: POL. S. 150 OR 191. 3 HOURS
LECT-DISC 66605 M W F 213 G H MONYPENNY POL S 290 SENIOR SEMINAR.

PREREQUISITE: SENIOR STANDING, AT LEAST SIX HOURS OF POLITICAL

A GENERAL SCIENCE, AND EITHER DESIGNATION AS JAMES SCHOLAR OR A GENERAL UNIVERSITY AVERAGE OF AT LEAST 4.0. 2 HOURS 66613 LECT-DISC 398 I H SCHILLER THESIS AND HONORS COURSE. PREREQUISITE: OPEN ONLY TO SENIORS WHOSE MAJOR IS POLITICAL SCIENCE AND WHO HAVE A GENERAL UNIVERSITY AVERAGE OF AT LEAST 4.0 2 TO 5 HOURS 66621 CONF STAFF 3 SELECTED TOPICS IN POLITICAL SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR. POL S 293 \*MAY BE REPEATED. \*1 TO 4 HOURS 66630 STAFE CONF ARR COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES POL S 306 MUNICIPAL PROBLEMS. PREREQUISITE: SENIOR STANDING OR JUNIOR STANDING WITH POL. S. 305. OR ECON. 102 AND 103, OR SIX HOURS OR POLITICAL SCIENCE. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION G1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER 124 BUR HALL GOLD 124 BUR HALL GOLD RURAL LOCAL GOVERNMENT. POL S 310 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

6664 LECT-DISC \*A1 3 M W F

6672 LECT-DISC \*A2 3 M W F 66664 310 L H SNIDER SNIDER 310 L H 66672 POL S 312 STATE GOVERNMENT. PREREQUISITE: POL.S. 150 OR 191. \*CREDIT IS NOT GIVEN FOR BOTH POL. S. 110 AND 312. \*3 HOURS, OR 1/2 OR 1 UNIT
\*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER \*SECTION A1 IS FOR PULLIFICAL SCIENCES
STUDENTS MUST ENROLL IN SECTION A2. 66681 LECT-DISC \*A1 1 M W F 310 L H SNIDER 66699 LECT-DISC \*A2 1 M W F 310 L H SNIDER

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COMPARATIVE STATE POLITICS.
POL S 313
           PREREQUISITE: POL. S. 312 OR 315 OR 328 OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT *SECTION 41 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
           STUDENTS MUST ENROLL IN SECTION A2.
                                         11
                                                        TU
                     LECT-DISC *A1
        €6702
                                                                      192
                                                                                              JOHNSON
                                                        TH
                                             10-12
                                  *Δ1
                                                                      192
                                                                           L H
                      LECT-DISC *A2
                                                                     192 L H
                                                                                             JOHNSON
        66711
                                             11
                                  ‡∆ 2
                                             10-12
                                                             TH
                LEGISLATURES AND LEGISLATION.
           PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
           3 HOURS, OR 1/2 OR 1 UNIT
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
           *SECTION A1 IS FUR PULLITION STUDENTS MUST ENROLL IN SECTION A2.
        66729
                     LECT-DISC *A1
LECT-DISC *A2
                                         1
                                                               F
                                                                      192 L H
                                                                                            WEINBAUM
                                                       M W F
        66737
                GUVERNMENTS AND POLITICS IN SUB-SAHARAN AFRICA.
          PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR EQUIVALENT.
           3 HOURS, OR 1/2 OR 1 UNIT
           *SECTION AL IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
           STUDENTS MUST ENROLL IN SECTION A2.
                    LECT-DISC *A1 2
LECT-DISC *A2 2
                                                               F
                                                                      310
                                                                                              MCHENRY
        66745
                                                                            LH
                                                                                             MCHENRY
                                                                      310 L H
        66753
POL S 340
               THE GERMAN POLITICAL SYSTEM.
          3 HOURS, OR 1/2 OR 1 UNIT
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
           STUDENTS MUST ENROLL IN SECTION A2.
                                                        M W F 310 L H
M W F 310 L H
        66761
                     LECT-DISC *A1 10
LECT-DISC *A2 10
                                                                                             MERRITT
        66770
                                                                                              MERRITT
          POLITICAL SYSTEMS AND STRUCTURES OF LATIN AMERICAN COUNTRIES.
PREREQUISITE: POL. S. 34?.
3 HOURS, OR 1/2 OR 1 UNIT
POL S 343
           *SECTION A1 IS FOR POLITICAL SCIENCE
STUDENTS MUST ENROLL IN SECTION A2.

8-10 TU
           *SECTION AT IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
                     LECT-DISC *A1 8-10
                                                                      315
                                                                                             BYARS
                                              9
                                  *A1
                                                                      315
                                                                                              BYARS
                                             8-10
                                                        TU
                                                                     315 G H
315 G H
                      LECT-DISC #A2
                                                                                              RYARS
                                  *A2
                                                                                              BYARS
                GOVERNMENTS AND POLITICS OF SOUTHEAST ASIA.
POL S 347
          PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF
           INSTRUCTOR.
           3 HOURS, OR 1/2 OR 1 UNIT
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
           STUDENTS MUST ENROLL IN SECTION A2.
                                           11
                     LECT-DISC *A1
LECT-DISC *A2
                                                                      192
                                                                                            DOUGLAS
        66818
                                             11
                                                                      192 L H
            GOVERNMENTS AND POLITICS OF SOUTH ASIA.
POL S 349
          PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF
           INSTRUCTOR.
           3 HOURS, OR 1/2 0...
*SECTION AI IS FOR POLITICAL SCIENCE
*STUDENTS MUST ENROLL IN SECTION A2.

IECT-DISC *AI 1-230 TU TH
1-230 TU TH
           3 HOURS, OR 1/2 OR 1 UNIT
           *SECTION AT IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
        66826
                                                                    310 L H
310 L H
                                                                                             COHEN
        66834
                                                                                              COHEN
POL S 354
               THE JUDICIAL PROCESS.
          PREREQUISITE: POL. S. 150 OR 191.
3 HOURS, OR 1/2 OR 1 UNIT
           *SECTION AL IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
           *SECTION A1 IS FOR PULLIFICAT SOLUTION A2.
STUDENTS MUST ENROLL IN SECTION A2.
        66842 LECT-DISC *A1 1
66851 LECT-DISC *A2 1
                                                               F
                                                                   138 ADMIN
138 ADMIN
                                                                                              CARMEN
        65851
                                                                                              CARMEN
              THE CONSTITUTION AND CIVIL LIBERTIES.
          PREREQUISITE: POL. S. 150 OR 191.
3 HOURS, OR 1/2 OR 1 UNIT
6869 LECT-DISC 3
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66 LIB

66869

POL S 362 ADMINISTRATIVE ORGANIZATION AND POLICY DEVELOPMENT. PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION 41 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER POL S 366 TOOLS OF PUBLIC MANAGEMENT. PREREQUISITE: POL. S. 361 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1 UNIT \*SECTION AT IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
STUDENTS MUST ENROLL IN SECTION A2.
LECT-DISC \*A1 8 M W F 310 L H 66893 LECT-DISC \*A1 8 66907 LECT-DISC \*A2 8 PAGE CONTEMPORARY AMERICAN FOREIGN POLICIES. POI 5 382 PREREQUISITE: POL. S. 381 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
\*SECTION AL 15 FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER \*SECTION AL IS FOR POLITICAL SCIENCE MAJUKS UNI STUDENTS MUST ENROLL IN SECTION A2. 1915 LECT-DISC \*AL 10-12 TU \*AL 10 TH 1923 LECT-DISC \*A2 10-12 TU \*A2 10 TH 66915 310 L H GLAD 310 L H 310 L H 310 L H GLAD 66923 SOVIET FOREIGN POLICY. SOVIET FOREIGN POLICY
3 HOURS, OR 1/2 OR 1 UNIT
\*\*SECTION AL IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.

5931 LECT-DISC \*A1 9-11 TU 192 L H

5940 LECT-DISC \*A2 9-11 TU 192 L H

\*A2 9 TH 192 L H

\*A2 9 TH 192 L H 66931 MILLER 66940 MILLER INTERNATIONAL LAW. POL S 386 PREREQUISITE: SENIOR STANDING, OR JUNIOR STANDING WITH SIX HOURS OF POLITICAL SCIENCE.

3 HOURS, OR 1/2 OR 1 UNIT
6958 LECT-DISC 11 M W F 310 L H MANNER BT NATIONAL SECURITY POLICY.

PREREQUISITE: POL. S. 184 OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

\*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER POI 5 387 STUDENTS MUST ENROLL IN SECTION A2. M W F 192 L H M W F 192 L H LEWIS LEWIS MEDIEVAL POLITICAL THEORY. 394 MEDIEVAL PULITICAL INEURY.

3 HOURS, OR 1/2 OR 1 UNIT

\*SECTION AI IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.
66982 LECT-DISC \*AI 1030-12 TU TH 315 G H CARROLL
66991 LECT-DISC \*A2 1030-12 TU TH 315 G H CARROLL POL S 395 MODERN POLITICAL THEORY. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION AT IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER \*SECTION AL IS FOR POLITICAL SCIENCE
STUDENTS MUST ENROLL IN SECTION AZ:
007 LECT-DISC \*A1 2 M W F 192 L H
15CT-DISC \*A2 2 M W F 192 L H 67007 LECT-DISC \*A1 2 67015 LECT-DISC \*A2 2 FIELDS FIELDS POL S 396 CONTEMPORARY POLITICAL THEORY. 3 HOURS, OR 1/2 OR 1 UNIT \*SECTION AL IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER \*\*SECTION AL 15 FORTILE IN SECTION A2.

67023 LECT-DISC \*A1 11 M W F 138 ADMIN

67031 LECT-DISC \*A2 11 M W F 138 ADMIN SCHILLER SCHILLER

#### COURSES FOR GRADUATES

POL	S	402 HIS	TORY OF POL	ITICAL T	HEORIFS.					
			A1 IS FOR	POLITICAL	L SCIENCE	MAJORS C	NLY. AL	LOTHER		
		STUDENTS 67040	MUST ENROLE LECT-DISC	L IN SECT	TION A2.	W	398	LH		FIELDS
		67058	LECT-DISC	¢ ∆ 2	730 PM	W	398	L H		FIELDS
POL	S	406 MUN 1 UNIT	ICIPAL ADMI	NISTRATIO	ON.					
			A1 IS FOR	POLITICAL	L SCIENCE	MAJORS C	NLY. ALI	LOTHER		
		67066	A1 IS FOR E MUST ENROLE LECT-DISC	L IN SEC!	2-4	TU	96	COM W		GOLD
		67074	LECT-DISC :	<b>*</b> ∆2	2-4	TU	96	COM W		GOLD
PUL	S	420 FOR SAM	MATION OF PI E AS L.I.R.	JRLIC POL 420.	LICY.					
		1 UNIT	LECT-DISC		1 2	-	398			RUNDQUIST
		67082	CECI-DISC		1-3	r	370	Ln		KONDOOTST
POL	5	423 PRO:	SEMINAR IN	AMERICAN	POLITICS.					
		1 UNIT	41 75 500 1	001 1 776 41	CCIENCE	WA 1006 6		CYUER		
		STUDENTS	MUST ENROLI LECT-DISC	L IN SECT	TION A2.	MAJUKS (	INLY. AL	L CIHEK		
		67091	LECT-DISC	<b>¢</b> Δ1 <b>¢</b> Δ2	10-12	TH	398	LH		MONYPENNY
		01101	2201 0130	. 42	10 12	***	,,,	- 11		THORIT CHIEF
POL	S	426 POL	ITICAL PART	IES.						
		1 HNTT			CCIENCE	MA IDDS C	INI V AI	I OTHER		
		STUDENTS	MUST ENROLI	IN SECT	TION A2.	HAJOKS C	MET - A	LE OTHER		
		67112 67121	Al IS FOR A MUST ENROLI LECT-DISC A LECT-DISC A	⊭Δ <u>1</u> ⊭Δ2	9-11 9-11	M	398 398	LH		WEINBAUM
POL	S	427 PSY	CHOLOGICAL	BASES OF	POLITICAL	BEHAVIO	IR.			
		1 UNIT 67139	LECT-DISC	1	730 PM	TU	398	L H		COOMBS
POL	s .	431 PROI	BLEMS OF BR	ITISH GOV	VERNMENT.					
		1 UNIT	LECT-DISC		10-12	TH	336	LH		DAVIS
POL	5	435 PROI	BLEMS IN THE	GOVERNA	MENT OF SC	VIET RUS	SIA.			
		1 UNIT 67155	LECT-DISC		3-5	W	398	L H		MILLER
POL	S	437 PRO	LEMS IN CHI	NESE POL	LITICS AND	GOVERNM	ENT.			
			SITE: CREDIT		STRATION	IN POL.	S. 430,	OR		
			MAY ACCUM		UNITS.					
			LECT-DISC		10-12	TU	116	L H		YU
POL	S 4	440 COMI	PARATIVE PO	ITICS AN	ND THE POL	ITICAL P	ROCESS.			
		*1 UNIT		JLA IE IMP						
		67171	LECT-DISC		1-3	W	398	Ł H		MERRITT
BOI		448 PROE	DIEME THE IAT	DANESE DO	DISTICS AN	D COVERN	MENT			
FUL	3 .	PREREQUI	BLEMS IN JAI SITE: CREDII	OR REGI	STRATION	IN POL.	S. 430 ,	OR CONSE	NT	
		OF INSTRU	MAY ACCUMI	DLATE THE	UNITS.					
		*1 UNIT	LECT-DISC		10 10	L)	300			WEINSTEIN
		07100	EEC1-013C		10-12		370	ъ п		METHRICIN
POL	S	466 CUR	RENT ADMINIS	STRATIVE	THEORY.					
		1 UNIT	A1 IS FOR F			MA IOPS O	NIV ALI	OTHER		
		STUDENTS	MUST ENROLL	IN SECT	ION A2.	HAJUKS U	AFI. WE	JINEK		
		67198 67201	MUST ENROLI LECT-DISC *	A1 A2	3-5 3-5	TU	398 398	LH		THOMPSON

POL	S 471 I	PROBLEMS IN INTER	NATIONAL ORGAN	IZATION.			
		LECT-DISC	1-3	TU	143	ADMIN	BOCK
POL		JNITED STATES FOR	EIGN POLICIES.				
	1 UNII 67228	LECT-DISC	3-5	TH	170	COM W	воск
POL		PROSEMINAR IN POL QUISITE: POL. S.		R, II.			
		LECT-DISC	730-930PM	W	308	LH	HOBBS
POL	1/2 TO	RESEARCH IN SELEC 3 UNITS CONF A					STAFF
	67252 67261	CONF A CONF B CONF C	1-3 ARR	ŦН	398	LH	MERANTO DAVIS
POL	S 495 S	SCOPE AND METHODS	OF POLITICAL	SCIENCE.			
		LECT-DISC	1-230	TU TH	315	G H	HOBBS
POL		RESEARCH DESIGN A QUISITE: POL. S.					
		LECT-DISC	1-3	TU	398	Ł H	JOHNSON
	S 499 1	THESTS RESEARCH.					
	67295	CONF	ARR				STAFF

#### PORTUGUESE

#### DEPARTMENT OFFICE

224 L H

MAJOR: TWENTY HOURS IN PORTUGUESE, EXCLUDING PORTUGUESE 101 AND 102, AND INCLUDING PORTUGUESE 201 AND AT LEAST SIX HOURS OF PORTUGUESE FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. EITHER LINGUISTICS 300, INTRODUCTION TO LINGUISTICS. OR LINGUISTICS 302, COMPARATIVE LINGUISTICS, MAY BE COUNTED TOWARD THE MAJOR IN PORTUGUESE.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ENGLISH (EXCLUDING RHETORIC 101 AND 102), FRENCH, GEOGRAPHY, GERMAN, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, POLITICAL SCIENCE, RUSSIAN, SPANISH.

#### COURSES FOR UNDERGRADUATES

PORT 102 ELEMENTARY PORTUGUESE, II. PREREQUISITE: PORT. 101.

4 HOURS ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS W3-W22.

67309	LECT-DISC	E		1	MTUWT	Н	108	L	Н
67317	LAB	W	3	8-830	W	F	202	L	Н
67325	LAB	W	4	830-9	W	F	202	L	Н
67333	LAB	W	5	9-930	W	F	202	L	Н
67341	LAB	W	6	930-10	H	F	202	L	Н
67350	LAB	W	7	10-1030	W	F	202	Ł	Н
67368	LAB	W	8	1030-11	W	F	202	L	Н
67376	LAB	W	9	11-1130	W	F	2 0 2	L	Н

TRGG	102 CONT							
	67384 67392	LAB	W10	1130-12 12-1230 1230-1 1-130 130-2 2-230	WF	202	L H	
	67392	LAB	W11	12-1230	W F	202		
	67406	LAB	W12	1230-1	WF	202	LH	
	67414	LAB LAB LAB LAB LAB	W13	1-130	WF	202	LH	
	67422	LAB	W14	130-2	WF	202	LH	
	67431	LAB	WID	2-230	W P	202		
	67449 67457	LAB	W16	230-3	WF	202	LH	
	67465	LAB	MIL	3-330	W F	202	LH	
	67473	LAB	MIS	330-4	W F	202	LH	
	67475	LAB	W19	4-430	WF	202	LH	
	67481	LAD	W20	430-5	WF	202	LH	
	67481 67490 67503	LAB LAB LAB	W Z 1	5-730	W F	202	L H	
	01703	LAD	MZZ	1130-12 12-1230 1230-1 1-130 130-2 2-230 230-3 3-330 4-4-430 430-5 5-530 530-6	M F	202	L 11	
PORT	PREREQU	TERMEDIATE P ISITE: PORT.	ORTUGU	ESE, II.			L PORTUGUESE.	
	4 HJURS 67511	LECT-DISC	x	12	MTUWTH	176	L H	
	0.721	200. 0130				1.0	2	
PORT	PREREQU PORTUGU 8 HOURS	ESE.	102 (	R 111, OR TH				
	67520	LECT-DISC	Α	8-10	TUWTHE	118	L H	
PORT	199 IIN	DERGRADUATE						
	*MAY 5E	REPEATED.						
				ARR				CTACC
	67538	CUNF		AKK				STAFF
		cou	JRSES F	OR ADVANCED	UNDERGRA	DUATES		
PORT	201 IN	TRODUCTION T	O PORT	UGUESE AND E	RAZILIAN	LITERA	TURE.	
	PREREQU	ISITE: PORT.	104 0	R 112, OR CC	INSENT OF	INSTRU	CTOR.	
	3 HOURS							
	67546	LECT-DISC		10	M W F	136	ARMORY	AIEX
PORT	290 RE	ADINGS IN PO	RTUGUE	SE.				
	PREREQU	ISITE: PORT.	104 0	R 112, OR CO	NSENT OF	INSTRU	ICTOR.	
	2 TJ 4	HOURS						
	67554	CONF		ARR				STAFF
		COURSES	EOD A	DVANCED UNDE	DCDADHATE	CIAA 25	CRADILATES	
		C D O F SC S	FUR A	DANCED ONDE	RGRADUATE	S AND	GRAUUATES	
PUST	302 IN	TRODUCTION T	O PORT	UGUESE LITER	ATURE.			
	PRERFQU	ISITE: PORT.	201 0	R CUNSENT OF	INSTRUCT	ror.		
	3 HJURS	OR 1/2 UNIT LECT-DISC						
	67562	LECT-DISC		9	M W F	170	LH	PRETO-RODAS
	201							
PORT	304 A	CULTURA BRAS	ILEIRA	DESDE 1822.				
	PREREQU	ISTIE: PURT.	201 0	R 211, OR CO	N SENT OF	INSTRU	CIDR.	
	3 HIJURS	, JR 1/2 UR	IUNII	DESDE 1822. R 211, OR CO		124		4.5.54
	67571	LECT-DISC		11	M M F	136	ARMORY	AIEX
			C	OURSES FOR G	RADUATES			
PORT	407 ST	UDIES IN BRA	ZILIAN	LITERATURE.				
	PREREQU	ISITE: PORT.	301 0	R CONSENT OF	INSTRUCT	ror.		
	1 UNIT							
	67589	LECT-DISC		10	M M	170	L H	PRETO-RODAS
pnor	462 244	TRADIC TION T	0 0084	NICE LINCUITOR	1.00			
SOK!	402 IN	HE AS A THE	U KUMA	NCE LINGUIST SPAN. AND IT	165.			
	1/2 UNI	T AS LING.	FR o g	STAN. ANU II	AL . 40Z.			
	67597	LECT-DISC		10	TH. TH	176	1. 8	WANNER
	01771	ELC 1-013C		10	10 111	1/0	E 11	WANTER
PORT	491 SP	ECIAL TOPICS	IN PO	RIUGUESE.				
	1/2 UR	1 JNIT						
	67601	CONF		ARR				STAFF

ALLEN, FORSTER KAHANE, PRETO-RODAS

#### PSYCHOLOGY

#### DEPARTMENT OFFICE

308 PSYCH BLDG

MAJOR: THREE TYPES OF MAJOR PROGRAMS ARE OFFERED: THE GENERAL MAJOR, SUITABLE FOR STUDENTS INTERESTED PRIMARILY IN GENERAL LIBERAL EDUCATION; THE APPLIED PSYCHOLOGY MAJOR, DESIGNED FOR STUDENTS INTERESTED IN VOCATIONAL PREPARATION INVOLVING A MINIMUM OF GRADUATE TRAINING; AND THE GRADUATE PREPARATORY MAJOR, DESIGNED MAINLY TO PREPARE STUDENTS FOR GRADUATE TRAINING LEADING TO THE DOCTORATE IN PSYCHOLOGY.

THE GENERAL MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 135 IS REQUIRED IN THIS PROGRAM AND SHOULD BE TAKEN AS SOON AS POSSIBLE AFTER THE INTRODUCTORY COURSE. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE TWO FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390, WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294 MAY BE INCLUDED IN

THE APPLIED PSYCHOLOGY MAJOR CAN SPECIALIZE IN ANY ONE OF THREE DIFFERENT OPTIONS, NAMELY, ENGINEERING PSYCHOLOGY, PERSONNEL PSYCHOLOGY, AND MEASUREMENT PSYCHOLOGY. THE REQUIREMENTS FOR ENGINEERING PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 356, 358; 12 HOURS SELECTED FROM PSYCHOLOGY 30, 331, 332, 390; COMPUTER SCIENCE 103; PHYSIOLOGY 305. THE REQUIREMENTS FOR PERSONNEL PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 332, 355; 300; SELECTED FROM PSYCHOLOGY 201, 250, 258, 356; 6 HOURS SELECTED FROM PSYCHOLOGY 201, 250, 258, 356; 6 HOURS SELECTED FROM ACCOUNTANCY 201; BUSINESS LAW 261; ECONOMICS 102, 103, 300; INDUSTRIAL ENGINEERING 287; SOCIOLOGY 300; COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR PSYCHOLOGICAL MEASUREMENT ARE AS FOLLOWS: PSYCHOLOGY 100, 103, OR 105; PSYCHOLOGY 235, 245, 390; THREE HOURS SELECTED FROM PSYCHOLOGY 216, 250, 338; THREE HOURS SELECTED FROM PSYCHOLOGY 216, 250, 338; THREE HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332; EITHER COMPUTER SCIENCE 101 OR 103.

THE GRADUATE PREPARATORY MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105, PSYCHOLOGY 235 AND EIGHT HOURS OF WORK IN LABORATORY COURSES AT THE 300 LEVEL ARE REQUIRED IN THIS PROGRAM. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294, MAY BE INCLUDED IN EITHER AREA I OR AREA II. GRADUATE PREPARATORY MAJORS ARE ALSO URGED TO TAKE MATHEMATICS THROUGH CALCULUS, AT LEAST TWO YEARS OF FRENCH, GERMAN OR RUSSIAN, WITH TWO YEARS IN EACH OF

MINOR: FOR THE GENERAL MAJOR, 20 HOURS IN ANY SUBJECT MATTER ACCEPTED FOR CREDIT BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES; IF TWO ARE CHOSEN THERE MUST BE A MINIMUM OF A HOURS IN EACH. IN ADDITION, IF FOREIGN LANGUAGE CREDIT IS OFFERED, IT MUST BE BEYOND THAT REQUIRED BY THE COLLEGE FOR GRADUATION.

FOR THE APPLIED PSYCHOLOGY MAJOR, THE MINJR MUST BE SELECTED IN ACCORDANCE WITH THE MAJOR OPTION. FOR ENGINEERING PSYCHOLOGY, A MINOR OR MINORS OF 20 HOURS SELECTED FROM MATHEMATICS, ENGINEERING, PHYSICS, AND PHYSIOLOGY, FOR PERSONNEL PSYCHOLOGY, A MINOR OR SPLIT 20 HOURS SELECTED FROM MATHEMATICS, ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, AND SOCIOLOGY. FOR PSYCHOLOGICAL MEASUREMENT, A MINOR OF 20 HOURS IN MATHEMATICS WHICH INCLUDES MATHEMATICS 315.

FOR THE GRADUATE PREPARATORY MAJOR, 20 HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, PROVIDING THAT IF TWO ARE CHOSEN, THERE MUST BE A MINIMUM OF 8 HOURS IN FACH: ANTHROPOLOGY, ANY BIOLOGICAL SCIENCE, CHEMISTRY, ECONOMICS, EDUCATION, ENGINEERING, LINGUISTICS, MATHE-MATICS, PHILOSOPHY, PHYSICS, POLITICAL SCIENCE, AND SOCIOLOGY.

DEPARTMENTAL DISTINCTION: THE MINIMUM REQUIREMENTS FOR GRADUATION WITH DEPARTMENTAL DISTINCTION IN PSYCHOLOGY ARE AS FOLLOWS: A 4.33 GRADE POINT AVERAGE IN PSYCHOLOGY COURSES, SATISFACTORY COMPLETION OF THE COURSES REQUIRED IN THE GRADUATE PREPARATORY MAJOR PROGRAM, AND FOUR HOURS OF CREDIT IN PSYCHOLOGY 291-292, THE HONORS PROGRAM SEMINAR, INCLUDING AN ACCEPTABLE BACHELOR'S THESIS.

#### COURSES FOR UNDERGRADUATES

INTRODUCTION TO PSYCHOLOGY. PSYCH 100

NOT OPEN TO STUDENTS ELECTING PSYCH. 103 OR 105. REQUIRES FIVE HOURS OF PARTICIPATION IN LABORATORY EXPERIMENTS 4 HOURS

"LECTURE-DISCUSSION 1 THROUGH 24 ARE A COMBINATION OF CLOSED-CIRCUIT TELEVISION LECTURES, DEMONSTRATIONS, AND FILMS, FOLLOWED BY DISCUSSION. STUDENTS SHOULD REGISTER FOR ONE SECTION ONLY. LECTURES A THROUGH F DO NOT INCLUDE CLOSED-CIRCUIT TELEVISION AND MEET 3 HOURS PER WEEK WITH THE FOURTH HOUR TO BE ARRANGED. LECTURES &G, &H, AND &I ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND
STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER; FOURTH HOUR

TO BE ARRANGED.

67627	LECT-DISC	1	8-920	M W	244	MEB	
67635	LECT-DISC	2	8-920	M W	252	M E B	
67643	LECT-DISC	3	8-920	M W	31	PSYCH	BLDG
67651	LECT-DISC	4	8-920	TU TH	244	MEB	
67660	LECT-DISC	5	8-920	TU TH	252	M E B	
67678	LECT-DISC	6	8-920	TU TH	31	PSYCH	BL DG
67686	L ECT-DISC	7	930-1050	M W	244	M E B	
67694	LECT-DISC	8	930-1050	M W	252	MEB	
67708	LECT-DISC	9	930-1050	M N	31	PSYCH	BLDG
67716	LECT-DISC	10	930-1050	TU TH	244	MEB	
67724	LECT-DISC	11	930-1050	TU TH	252	M E B	
67732	LECT-DISC	12	930-1050	TU TH	31	PSYCH	BLDG
67741	LECT-DISC	13	11-1220	M W	244	MEB	
67759	LECT-DISC	14	11-1220	M W	252	M E 8	
67767	LECT-DISC	15	11-1220	M W	31	PSYCH	BLDG
67775	LECT-DISC	16	11-1220	TU TH	244	M E B	
67783	LECT-DISC	17	11-1220	TU TH	252	MEB	
67791	LECT-DISC	18	11-1220	TU TH	31	PSYCH	BLDG
67805	LECT-DISC	19	1230-150	M W	244	MEB	
67813	LECT-DISC	20	1230-150	M W	252	ME 8	
67821	LECT-DISC	21	1230-150	M W	31	PSYCH	BLDG
67830	LECT-DISC	22	1230-150	TU TH	31	PSYCH	BLDG
67848	LECT-DISC	23	2-320	M W	31	PSYCH	BLDG
67856	LECT-DISC	24	2-320	TU TH	31	PSYCH	BL DG
67864	LECT	A	8	M W F	32	PSYCH	BLDG
67872	LECT	В	9	M W F	196	L H	
67881	LECT	C	11	M W F	32	PSYCH	BLDG
67899	LECT	D	12	M W F	32	PSYCH	BLDG
67902	LECT	E	1	M W F	32	PSYCH	
67911	LECT	F	2	M W F	32	PSYCH	BLDG
67929	LECT	εG	8	M W F	17	PSYCH	
67937	LECT	H3	10	M W F	17	PSYCH	
67945	LECT	13	2	M W F	17	PSYCH	BLDG

ATWOOD HALFF

TU TH 67953 141 COM W 35 PSYCH 8-10 W TU TH PSYCH BLDG COM W 67961 LAB-DISC 9 141 MATER 37 PSYCH BLDG 141 COM W 35 PSYCH BLDG 8-10 М W 67970 LAB-DISC 9 TU TH MAIER 3 10-12 M W 141 COM W 37 PSYCH 141 COM W 35 PSYCH 67988 LAB-DISC TU TH MATER 10-12 PSYCH BLDG TU TH 67996 LAB+DISC 5 MATER 1-3 M W TU TH PSYCH BLDG 141 COM W 37 PSYCH BLDG 68002 LAB-DISC 6 MAIER 1-3 W TU TH 6 68011 LAR-DISC 141 COM W 35 PSYCH MATER 7 9 M W TU TH 3-5 PSYCH BLDG 141 COM W 37 PSYCH 68029 LAB-DISC H 9 MATER А 3-5 M W TU TH PSYCH BLDG 141 COM W 35 PSYCH 68037 I AR-DISC 9 Q: MATER 9 10-12 TU TH PSYCH BLDG 141 COM W 37 PSYCH 68045 LAB-DISC 10 q TU TH MAIER 10 10-12 TU TH PSYCH BLOG 68053 LAB-DISC 11 9 TU TH 141 COM W MAIER 1-3 TU TH PSYCH BLDG TU TH 141 COM W 68061 LAB-DISC 12 MATER 1-3 PSYCH BLDG 12 TU TH 37 68070 LAB-DISC 9 TU TH 141 COM W 13 MAIER 3-5 TU TH 35 PSYCH BLDG 13 141 COM W 68088 LAB-DISC 14 9 TU TH MATER 37 PSYCH BLDG 3-5 THE TH 14 PSYCH 105 ELEMENTS OF PSYCHOLOGY. NOT OPEN TO STUDENTS ELECTING PSYCH. 100 OR 103. FOR PLACEMENT PURPOSES ENROLLMENT IS LIMITED TO STUDENTS WHOSE ACT COMPOSITE SCORE IS 21 AND BELOW. 4 HOURS 68096 LECT-DISC F 23 PSYCH BLDG TRUMPETER 9 PSYCH BLDG W 68100 23 PSYCH BLDG TRUMPETER LECT-DISC 'n 9 PSYCH BLDG W F 23 68118 PSYCH BLDG LECT-DISC 9 м 14 TRUMPETER 3 3 Li. 9 PSYCH BLDG 23 68126 LECT-DISC 4 q М W F PSYCH BLDG TRUMPETER TU 149 ADMIN 68134 LECT-DISC 5 Q М W 23 PSYCH BLDG TRUMPETER TU 149 ADMIN W F 68142 1 FCT-DISC 6 23 PSYCH BLDG TRUMPETER ADMIN 6 3 149 PSYCH 135 STATISTICAL THINKING IN PSYCHOLOGY. PREREQUISITE: PSYCH. 100, 103, OR 105. \*CREDIT IS NOT GIVEN FOR PSYCH. 135 IN ADDITION TO ECON. 171 MATH. 161, OR PSYCH. 235.

TU TH H W F

17 PSYCH BLDG

17 PSYCH BLDG

C. LEWIS

JERRY COHEN

9-1020

PSYCH 103

4 HOURS

\*3 HOURS

LECT

В

LECT

68151

68169

HUMAN BEHAVIOR.

LAB-DISC

NOT OPEN TO STUDENTS ELECTING PSYCH. 100 OR 105.

STUDENT ENROLLS IN ONE COMBINATION LABORATORY-DISCUSSION.

MATER

PSYCH 199 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*O TO 9 HJURS

STUDENTS AISHING TO REGISTER IN ONE OR MORE OF THESE SECTIONS SHOULD CONSULT THE ACADEMIC COUNSELOR OF THE PSYCHOLOGY DEPARTMENT, ROOM 2, PSYCH BUILDING, TO LEARN IDPIC OF SECTION AND INSTRUCTOR'S

IDENTITY.

68177 CONF 68185 CONF ARR CONF C ARR 68193 CONF 68207 D ARR 68215 ARR E

GREENOUGH

#### COURSES FOR ADVANCED UNDERGRADUATES

PSYCH 201

I INTRODUCTION TO SOCIAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
\*\*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 201 AND SOC. 201.

\*4 HOURS

STUDENT ENROLLS IN ONE COMBINATION DISCUSSION-LECTURE.

SECTIONS &F AND &F ARE OFFERED IN THE SPECIAL INTEREST OF, AND ARF LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER. FOURTH HOUR TO BE

ARRANGED	FOR HONORS	SECTION	ONLY.		
68223	LFCT-DISC	Δ 1	9	M W F	L H THEATRE
		Δ 1	8	TU	9 PSYCH BLDG
68231	LECT-DISC	A 2	9	MWF	L H THEATRE
		A 2	9	TU	9 PSYCH BLDG
68240	LECT-DISC	A 3	9	M W F	L H THEATRE
		A 3	10	TU	9 PSYCH BLDG
68258	LECT-DISC	A 4	9	M W F	L H THEATRE
		A 4	11	TU	9 PSYCH BLDG
68266	LECT-DISC	A 5	9	M W F	L H THEATRE
		A 5	1	TU	9 PSYCH BLDG
68274	LECT-DISC	АБ	9	M W F	L H THEATRE
40202	LECT DICC	A 6	2	TU	9 PSYCH BLDG
68282	LECT-DISC	A 7	9	M W F	L H THEATRE
63291	L CCT DICC	A 7 A B	3	TU M W F	9 PSYCH BLDG
65291	LECT-DISC	AH	4	M W F	9 PSYCH BLOG
68304	LECT-DISC	A 9	9	M W F	L H THEATRE
00304	LECT-DISC	M 9	8	TH	9 PSYCH BLDG
68312	LECT-DISC	A10	9	M W F	L H THEATRE
00312	6661 0136	A10	9	TH	9 PSYCH BLDG
68321	LECT-DISC	B 1	10	M W F	L H THEATRE
00721	LECT DISC	8 1	8	TU	13 PSYCH BLDG
68339	LECT-DISC	В 2	10	M W F	L H THEATRE
		B 2	9	TU	13 PSYCH BLDG
68347	LECT-DISC	8 3	10	M W F	L H THEATRE
		B 3	10	TU	13 PSYCH BLDG
68355	LECT-DISC	B 4	10	M W F	L H THEATRE
		B 4	11	TU	13 PSYCH BLDG
68363	LECT-DISC	8 5	10	M W E	L H THEATRE
		B 5	12	TU	13 PSYCH BLDG
68371	LECT-DISC	B 6	10	M W F	L H THEATRE
		B 6	1	TU	13 PSYCH BLDG
68380	LECT-DISC	B 7	10	M W F	L H THEATRE
4.00.00		B 7	2	TU W E	13 PSYCH BLDG
68398	LECT-DISC	B 18	10		L H THEATRE
68401	LECT-DISC	B 8 B 9	3 10	TU M W F	13 PSYCH BLDG
00401	LECI-013C	B 9	8	TH	13 PSYCH BLDG
68410	LECT-DISC	810	10	M W F	L H THEATRE
00410	FF61-013C	810	9	TH	13 PSYCH BLDG
68428	LECT-DISC	C 1	B	M W F	112 G H
00120	220.0100	C 1	8	TU	27 PSYCH BLDG
68436	LECT-DISC	C 2	8	M W F	112 G H
		C 2	9	TU	27 PSYCH BLDG
68444	LECT-DISC	C 3	В	MWF	112 G H
		C 3	10	ŤU	27 PSYCH BLDG
68452	LECT-DISC	C 4	8	M W F	112 G H
		C 4	11	TU	27 PSYCH BLDG
68461	LECT-DISC	C 5	8	M W F	112 G H
		C 5	1	TU	27 PSYCH BLDG
68479	LECT-DISC	C 6	10	M W F	112 G H
		C 6	2	TU	27 PSYCH BLDG
68487	LECT-DISC	C 7	8	M W F	112 G H
		C 7	3	TU	27 PSYCH BLDG

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PSYCH 201 CONTINUED
                                                          112 G H
       68495
                  LECT-DISC C B
                                                TU W F
                             C 8
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                                                               PSYCH BLDG
                             C 9
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       69500
                  LECT-DISC
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                  LECT-DISC
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                                                               PSYCH BLDG
       68541
                  LECT-DISC
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       68568
                  LECT-DISC
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       68576
                  LECT-DISC
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                 LECT-DISC
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                                                               PSYCH BLOG
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                                      1
       68606
                 LECT-DISC
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                                              34
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                                                               GH
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                                                   TH
                                                               PSYCH BLDG
                                              M W F
       68614
                  LECT-DISC
                             010
                                             М
                                                          112
                                                               GH
                                                           13
                                                               PSYCH BLDG
                             010
                  LECT
                                                          207
                                                               PSYCH BLDG
       68622
                             8.F
                                                               PSYCH BLDG
       68631
                  LECT
                             ٤F
                                                          207
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PSYCH 211

PHYSIOLOGICAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105; PHYSL. 103 OR 2001. 104;
CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

3 HOURS

\*SECTIONS 1A, 2A, 3A, 4A, 5A AND 6A ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 18, 28, 38, 48,

5 B O R	6B.						
68649	LAB-DISC	*1A	9-11	М	258	PSYCH BLDG	
		*1A	11	TU TH	32	PSYCH BLDG	DONCHIN
68703	LAB-DISC	*1B	9-11	M	258	PSYCH BLDG	
		*18	11	TU TH	32	PSYCH BLDG	DONCHIN
68657	LAB-DISC	*2A	9-11	TU	258	PSYCH BLDG	
		*2A	11	TU TH	32	PSYCH BLDG	DONCHIN
68711	LAB-DISC	<b>*28</b>	9-11	TU	258	PSYCH BLDG	
		*2B	11	TU TH	32	PSYCH BLDG	DONCHIN
68665	LAB-DISC	*3A	9-11	W	258	PSYCH BLDG	
		* 3A	11	TU TH	3.2	PSYCH BLDG	DONCHIN
68720	LAB-DISC	*3B	9-11	W	258	PSYCH BLDG	
		*3B	11	TU TH	32	PSYCH BLDG	DONCHIN
68673	LAB-DISC	*4A	9-11	TH	258	PSYCH BLDG	
		*4A	11	TU TH	32	PSYCH BLDG	DONCHIN
68738	LAB-DISC	*4B	9-11	TH	258	PSYCH BLDG	
		*4B	11	TU TH	32	PSYCH BLDG	DONCHIN
68681	LAB-DISC	*5A	9-11	F	258	PSYCH BLDG	
		*5A	11	TU TH	32	PSYCH BLDG	DONCHIN
68746	LAB-DISC	*5B	9-11	F	258	PSYCH BLDG	
		*5B	11	TU TH	32	PSYCH BLDG	DONCHIN
68690	LAB-DISC	*6A	9-11	S	258	PSYCH BLDG	
		*6A	11	TU TH	32	PSYCH BLDG	DONCHIN
68754	LAB-DISC	*6B	9-11	S	258	PSYCH BLDG	
		*6B	11	TU TH	32	PSYCH BLDG	DONCHIN

#### PSYCH 216 CHILD PSYCHOLOGY.

PREREQUISITE: PSYCH. 100, 103, DR 105.

3 HOURS

\*SECTIONS &D AND &E ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER.

68762	LECT	A	8	M	W	F	141	COM W	GRIMM
68771	LECT	В	10	М	W	F	100	G H	BOGARTZ
68789	L ECT	C	11	M	W	F	100	G H	MONTANELLI
68801	LECT	4&D	1	M	W	F	13	PSYCH BLDG	MONTANELLI
68819	LECT	*&E	2	M	W	F	29	PSYCH BLDG	BIJOU
68797	LECT	F	10	M	W	F	23	PSYCH BLDG	L. COHEN

PSYCH 230 PERCEPTION. PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY. 3 HOURS \*SECTIONS A1, B1, AND C1 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2, B2, OR C2.
827 LECT \*A1 9-1020 TU TH PSYCH BLDG 68827 32 TRAHIOTIS 9-1020 68851 LECT \* A2 PSYCH BLDG TU TH 32 TRAHIOTIS 9-1020 M W F 9-1020 M W F 68835 LECT \*B1 PSYCH BLDG 32 HAKE \*B2 68960 LECT 32 PSYCH BLDG HAKE TU TH TU TH 68843 1 FCT \*C1 1-220 32 PSYCH BLDG TRAHIOTIS \*C2 1-220 68878 LECT 32 PSYCH BLDG TRAHIOTIS PSYCH 235 STATISTICAL METHODS IN PSYCHOLOGICAL RESEARCH. PREREQUISITE: PSYCH. 100, 103, OR 105; MATH. 111 OR EQUIVALENT; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY. \*ONLY 1 HOUR OF CREDIT IS GIVEN TO THOSE WHO HAVE CREDIT IN ECON. 170 OR 171, MATH. 161 OR PSYCH. 135. \*4 HOURS \*SECTIONS AL, BL, CL AND DI ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN A2, B2, C2, OR D2. \*A1 LECT 11 68886 17 PSYCH BLDG JONES 68924 LECT \*A2 11 MTUWTH 17 PSYCH BLDG JONES 3-5 68894 LECT \*B1 TU TH 23 PSYCH BLDG SHAW PSYCH BLDG 68932 LECT **≠**82 3-5 TU TH 23 SHAW 68908 LECT \*C1 1-3 TU TH 23 PSYCH BLDG CAMPIONE 68941 LECT \*C 2 1-3 TU TH 23 PSYCH BLDG CAMPIONE M W 68916 LECT 3-5 \*D1 23 PSYCH BLDG KAPPAUF 68959 LECT \*D2 PSYCH BLDG KAPPAUF 23 PSYCH 245 INDUSTRIAL PSYCHOLOGY. PREREQUISITE: PSYCH. 100, 103, OR 105; A COURSE IN STATISTICS. 3 HOURS 68967 LECT M W F 23 PSYCH BLDG HOEL VERTEBRATE SOCIAL ORGANIZATION. SAME AS SOC. AND ZOOL. 246
PREREQUISITE: ONE YEAR OF INTRODUCTORY BIOLOGY. 3 HOURS 68975 202 H H BANKS 8 LEARNING.
PREREQUISITE: PSYCH. 1CO, 103, OR 105; CONSENT OF INSTRUCTOR OR
THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY. PSYCH 248 3 HOURS \*SECTIONS AT AND BY ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION AZ OR B2. 68983 M W F LECT \*A1 8 PSYCH BLDG LIEBERMAN 69008 LECT \*A2 8 PSYCH BLDG LIEBERMAN 23 23 PSYCH BLDG 68991 LECT W F \*81 M ATWOOD F 69016 м PSYCH BLDG LECT \*B2 ы ATWOOD PSYCH 250

O PSYCHOLOGY OF PERSONALITY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
\*CREDIT IS NOT GIVEN FOR BCTH PSYCH. 150 AND 250. \*3 HOURS SECTIONS CD, GE AND GF ARE OFFERED IN THE SPECIAL INTEREST OF, AND ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER. 69024 LECT 100 G H CLORE. Α 69032 LECT В F 66 LIB 100 G H RENNER AND W 69041 LECT F WIGGINS r M W ₽D 27 PSYCH BLDG 27 PSYCH BLDG 69059 LECT 9 м W E WARREN

HONORS, Ι. PREREQUISITE: JUNIOR STANDING; CONSENT OF INSTRUCTOR. 2 TO 4 HOURS 69083 LECT-DISC & ARR MALPASS

м W F

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141 A H

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INDIVIDUAL TOPICS. PSYCH 293 PREREQUISITE: TEN HOURS OF PSYCHOLOGY; A GRADE POINT AVERAGE OF 4.0; WRITTEN CONSENT OF INSTRUCTOR; IN EXCEPTIONAL CASES, UPON RECOMMENDATION OF THE INSTRUCTOR AND APPROVAL BY THE HEAD OF THE DEPARTMENT, STUDENTS MAY BE ADMITTED WITH A GRADE-POINT AVERAGE OF 3.75. 2 TO 4 HOURS MAY BE REPEATED. STAFE 69091 CONF ARR Λ 69105 CONF В ARR STAFF 69113 CONE C ARR STAFE COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES QUANTITATIVE METHODS, II. PREREQUISITE: PSYCH. 306. 4 HOURS OR 1 UNIT 69121 LAB-DISC Δ TU TH 17 PSYCH BLDG 1-3 BOGARTZ ARR Α M W 69130 I AB-DISC R 11-1 23 PSYCH BLDG TATSUOKA R ADD PSYCH 311 LABORATORY IN PHYSIOLOGICAL PSYCHOLOGY. PREREQUISITE: PSYCH. 211 AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY. 4 HOURS, OR 1/2 OR 1 UNIT \*SECTION A1 IS FOR PSYCHOLOGY MAJORS ONLY. ALL CTHER STUDENTS MUST ENROLL IN SECTION A2.
148 LECT \*A1 69148 TH TH 207 PSYCH BLDG GREENDUCH & ARR \*Δ1 MEAD LAB TU TH 69156 LECT \* A2 207 PSYCH BLDG GREENOUGH & LAB \*A2 ARR MEAD MOTIVATION AND EMOTION. PREREQUISITE: SIX HOURS OF PSYCHOLOGY.
3 HOURS, OR 1/2 OR 1 UNIT
9164 LECT 11 M 69164 M W F 103 M H WARREN EXPERIMENTAL PSYCHOLOGY, II.

PREREQUISITE: PSYCH. 235 AND 248 AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY. PSYCH 331 4 HOURS OR 1/2 UNIT \*SECTIONS A1, 81, C1, AND D1 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST REGISTER FOR A2, B2, C2, OR D2. LAB-DISC \*A1 TU TH 289 PSYCH BLDG 69211 9-11 \* A 1 9 PSYCH BLDG MONTAGUE W 17 9-11 TU TH PSYCH BLDG 69172 LAB-DISC \*A2 289 \*A2 ж 17 PSYCH BLDG MONTAGUE 69229 LAB-DISC \*B1 11-1 TU TH 289 PSYCH BLDG 17 PSYCH BLDG 289 PSYCH BLDG **≉**B1 М MONT AGUE 9 W TU TH \*B2 11-1 69181 LAB-DISC \*B2 9 M W PSYCH BLDG MONT AGUE PSYCH BLOG 1-3 TU TH 69237 LAB-DISC \*C1 289 \*C1 9 м 17 PSYCH BLDG MONTAGUE 69199 LAB-DISC \*C2 1-3 TU TH 289 PSYCH BLDG \*C2 м 17 PSYCH BLDG MONTAGUE 9 W 69245 LAB-DISC \*D1 3-5 TU TH 289 PSYCH BLDG \*D1 PSYCH BLDG 17 MONT AGUE 69202 LAB-DISC \*D2 3-5 TU TH 289 PSYCH BLDG \*D2 17 PSYCH BLDG MONTAGUE H PSYCH 332 RESEARCH METHODS IN SOCIAL PSYCHOLOGY. PRESENTED AS SOC. 332.

PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

4 HOURS, OR 1/2 OR 1 UNIT \*SECTIONS A1, A3, A5, A7, B1 AND B3 ARE ALL OTHER STUDENTS MUST REGISTER FOR A2, A4, A6, A8, B2, OR B4. 151 PSYCH BLDG 23 PSYCH BLDG 151 PSYCH BLDG \* A 1 1-3 M W 11 TU TH 69253 LAB-DISC \*A1 1.1 69318 \*A2 1-3 M W TU TH LAB-DISC

23 PSYCH BLDG

11

\*A2

```
1-3 TU TH 151 PSYCH BLDG
11 TU TH 23 PSYCH BLDG
3-5 M W 151 PSYCH BLDG
3-5 TU TH 23 PSYCH BLDG
11 TU TH 23 PSYCH BLDG
13 TU TH 25 PSYCH BLDG
11 TU TH 27 PSYCH BLDG
11 TU TH 28 PSYCH BLDG
11 TU TH 29 PSYCH BLDG
11 TU TH 21 PSYCH BLDG
PSYCH 332 CONTINUED
                                   INUED
LAB-DISC *A3 1-3
*A3 11
LAB-DISC *A4 1-3
*A4 11
LAB-DISC *A5 3-5
*A5 11
LAB-DISC *A6 3-5
*A6 11
               69261
               69326
               69270
               60334
                                                           *A7
*A7
*A8
*A8
               69288
                                      LAB-DISC
                                      I AB-DISC
               62342
               69296
                                     LAB-DISC *B1
                                                            *B1
               69351
                                      LAB-DISC
                                                            *B2
                                                            *B2
                                   LAB-DISC *83
*83
LAB-DISC *84
*84
               69300
               69369
                             ABNORMAL PSYCHOLOGY.
PSYCH 338
                   THOSE IN THE PREMEDICAL CURRICULUM WHO MAY TAKE THE COURSE AS SECOND SEMESTER SOPHOMORES WITH FOUR HOURS OF PSYCHOLOGY.
                    3 HJURS, JR 1/2 OR 1 UNIT
                   3 HJURY), JR 172 UR 1 UNIT
**SECTIONS &D AND &E ARE OFFERED IN THE SPECIAL INTERFEST OF AND ARE
LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES AND STUDENTS WHOSE
GRADE-POINT AVERAGE IS 4.25 OR BETTER.
               GRADE-POINT AVERAGE
69377 LECT A
69385 LECT B
                                                                            8
                                                                                               M W F 103 M H
M W F 100 G H
TU TH 314 A H
M W F 29 PSYCH BLOG
M W F 141 A H
                                                                                                                                                                    COSTIN
               69385 LECT B 1
69393 LECT C 1-220
69407 LECT *&D 10
69415 LECT *&E 11
                                                                                1-220
                                                                                                                                                                    GOL DING
                                                                                                                                                                   WAGMAN
                                                                                                                      141 A H
                                                                                                                                                                    JONIETZ
PSYCH 345 COMPARATIVE PSYCHOLOGY.
                  PREREQUISITE: SIX HOURS OF PSYCHOLOGY, OR PSYCH. 100, 103, OR 105
                   AND A COURSE IN ZOOLOGY.
4 HOURS, OR 1/2 OR 1 UNIT
                   *SECTIONS AL AND BLARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN A2 OR B2.
                                  S MUST ERROLL IN A2 OR B2.

LAB-DISC *A1 10-12 TU TH 275 PSYCH BLDG

*A1 9 TU TH 21 PSYCH BLDG

LAB-DISC *A2 10-12 TU TH 275 PSYCH BLDG

*A2 9 TU TH 21 PSYCH BLDG

LAB-DISC *B1 1-3 TU TH 275 PSYCH BLDG

*B1 9 TU TH 21 PSYCH BLDG

LAB-DISC *B2 1-3 TU TH 275 PSYCH BLDG

*B2 9 TU TH 21 PSYCH BLDG

*B2 9 TU TH 21 PSYCH BLDG
               69423
                                                                                                                                                                    HIRSCH
               69440
                                                                                                                                                                    HIRSCHP
               69431
                                                                                                                                                                    HIRSCH
                                                                                                                          21 PSYCH BLOG
                                                                                                                                                                    HIRSCH
                             RESEARCH AND THEORY IN PERSONALITY.
PSYCH 350
                  PREREQUISITE: PSYCH. 100, 103, OR 105; PSYCH. 235 OR EQUIVALENT. 
*GRADUATE CREDIT IS NOT ALLOWED FOR BOTH PSYCH. 350 AND 441. 
*3 HOURS, OR 1/2 OR 1 UNIT
                                      LECT
               69466
                                                                               10-1120 TU TH
                                                                                                                         21 PSYCH BLDG
                                                                                                                                                                  CLORE
PSYCH 351 ADVANCED SOCIAL PSYCHOLOGY.

SAME AS COMM. 351 AND SOC. 351.

PREEEQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385

OR A COMPARABLE STATISTICS COURSE.
                   3 HOURS, OR 1/2 OR 1 UNIT
               69474
                                                                                3-420 TU TH 32 PSYCH BLDG
PSYCH 355 INDUSTRIAL SOCIAL PSYCHOLOGY.

SAME AS L.I.R. 355.

PREREQUISITE: PSYCH. 201 OR 357.

3 HOURS, OR 1/2 OR 1 UNIT

SECTION A1 IS FOR PSYCH MAJORS ONLY. ALL OTHERS REGISTER IN
                   SECTION A2. LIR MAJORS SEE LIR 355.
                                                                                                M W F 29 PSYCH BLDG HOEL
M W F 29 PSYCH BLDG HOEL
               69482 LECT *A1 11
69491 LECT *A2 11
               69491
                           HUMAN FACTORS IN SYSTEM DESIGN.
                PREREQUISITE: PSYCH. 258; ONE COURSE IN STATISTICS OR EQUIVALENT.
3 HJURS OR 1 UNIT
69504 LECT 10 M W F 207 PSYCH BLDG
               69504 LECT
                                                                                                M W F 207 PSYCH BLDG
                                                                                                                                                                   WILLIGES
```

PSYCH 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT.

SAME AS L.I.R. 357.
PREREQUISITE: PSYCH. 100 OR EQUIVALENT.

\*NO CREDIT IS GIVEN FOR UNDERGRADUATE MAJORS IN PSYCHOLOGY.

\*3 HOURS, OR 1/2 OR 1 UNIT SECTION AL IS FOR PSYCH MAJORS ONLY. ALL OTHERS REGISTER IN

LIR MAJORS SEE LIR 357. SECTION A2.

LECT 207 PSYCH BLDG 207 PSYCH BLDG 69512 \* A 1 1.1 LECT \* 4.2 М W GRAFN 69521 1.1

SOCIAL PSYCHOLOGY OF ORGANIZATION. PSYCH 359

SAME AS SOC. 359.

PREREQUISITE--PSYCH. 355 OR SOC. 322.

3 HOURS OR 1 UNIT

69539 LECT 9-1020 TU TH 207 PSYCH BLDG

MODERN VIEWPOINTS IN PSYCHOLOGY. PSYCH 360

PREREQUISITE: SENIOR STANDING, 9 HOURS OF PSYCHOLOGY WITH AN AVERAGE GRADE OF B, WITH CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

LECT 9-1020 TU TH 29 PSYCH BLDG WOLL 69547

PROBLEMS IN HUMAN ECOLOGY. PSYCH 374

SAME AS ANTH:, GEOG., H. ED., PHYSL., SOC., AND V.M.S. 374.
PREREQUISITE: ANTH:, GEOG., PHYSL., SOC., V.M.S. OR ZOOL. 369.

4 HOURS OR 1 UNIT

\*ONE DISC HOUR TO BE ARRANGED.

LECT-DISC 393 BEV HALL 69555 \*11

METHODS OF FIELD RESEARCH. PSYCH 386

SAME AS SOC. 386.
PREREQUISITE: SOC. 184 AND 185 OR PSYCH. 235.
3 HOURS, OR 1/2 OR 1 UNIT

\*SECTION A1 IS FOR PSYCHOLOGY MAJORS ONLY. ALL CTHER STUDENTS MUST ENROLL IN SECTION A2. SOCIOLOGY MAJORS SEE SOCIOLOGY 386. 19563 LECT-DISC \*A1 3-430 TU TH 300 L H 19571 LECT-DISC \*A2 3-430 TU TH 300 L H 69563

PSYCHOLOGICAL TESTS AND MEASUREMENTS. PSYCH 390 PREREQUISITE: PSYCH. 235.

69571

69580 69628 69598

HUL IN 69636 HUL IN 69601

HULTN

HUL IN

HUI IN 69644

HULLIN 69610 HILL IN

69652 HUL IN

# COURSES FOR GRADUATES

NOTE: THE PREREQUISITES STATED APPLY TO GRADUATE MAJORS IN PSYCHOLOGY. STUDENTS MINORING IN PSYCHOLOGY MAY, BY SPECIAL PERMISSION OF INSTRUCTORS, ENROLL IN CERTAIN OF THESE COURSES WITHOUT HAVING MET ALL OF THE PREREQUISITES.

PROSEMINAR IN GENERAL PSYCHOLOGY, I. PSYCH 403 PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.

1 UNIT 69661 LECT 3-5 TUWTH 17 PSYCH BLDG .L. COHEN PSYCH 413 COMPUTER APPLICATIONS IN SOCIAL SCIENCE STATISTICAL RESEARCH. SAME AS C. S. AND SOC. 413.
PREREQUISITE: SOC. 387 OR EQUIVALENT IN STATISTICS; MAY BE TAKEN CONCURRENTLY WITH SOC. 387. 1 UNIT 69679 LECT-DISC R 1-220 TU TH 101 WOODSHOP EXPERIMENTAL PERSONALITY RESEARCH. PREREQUISITE: PSYCH. 307 AND 404; CONSENT OF INSTRUCTOR. 1 UNIT LECT 69687 10-12 ы 508 PSYCH BLDG COLES ARR LAB EXPERIMENTAL PSYCHOLOGY OF LEARNING, II: HUMAN LEARNING. PSYCH 418 PREREQUISITE: 12 HOURS OF PSYCHOLOGY OR CONSENT OF INSTRUCTOR. 1 UNIT SECTION ALLS FOR PSYCH MAJORS ONLY. ALL OTHERS REGISTER FOR A2. 69695 LECT \*A1 1-3 508 PSYCH BLDG MONTAGUE LAB \*A1 ARR LECT \* A2 1-3 508 PSYCH BLDG MONTAGUE LAB \*A2 ARR 5 RESEARCH SEMINAR IN PSYCHOLINGUISTICS. SAME AS LING. AND COMM. 426. PREREQUISITE: PSYCH. 425, CONSENT OF INSTRUCTOR. PSYCH 426 1/2 OR 1 UNIT 69717 LECT 9-11 TU 508 PSYCH BLDG BREWER HIGHER PROCESSES. PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING A LABORATORY COURSE IN EXPERIMENTAL PSYCHOLOGY. 1 UNIT 69725 21 PSYCH BLDG DULANY LECT 10-12 SECOND LANGUAGE ACQUISITION AND BILINGUALISM. SAME AS LING. 429. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 69733 3-5 TU 608 PSYCH BLDG SARAL 1 PSYCHOLOGICAL MEASUREMENT IN INDUSTRY.
PREREQUISITE: PSYCH. 307 OR EQUIVALENT. PSYCH 431 1 UNIT 10-12 69741 LECT 708 PSYCH BLDG HULIN

MATHEMATICAL MODELS IN PSYCHOLOGY.
PREREQUISITE: ONE YEAR OF CALCULUS, PSYCH. 306 AND 307; OR CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT 69750 LECT 10-1120 TU TH 608 PSYCH BLDG HALFF

BEHAVIOR DISORDERS. PSYCH 442 PREREQUISITE: PSYCH. 338 AND 440; CONSENT OF INSTRUCTOR. 1/2 UNIT 69768 LECT 10-12 F 21 PSYCH BLDG D. PETERSON

PSYCHODIAGNOSTICS, II. PREREQUISITE: PSYCH. 443, CONSENT OF INSTRUCTOR. 1 UNIT 69776 LECT 8-12 TU 26 C R C GOLDING, MARCUM, AND

SHANNON

LABORATORIES IN CLINICAL PSYCHOLOGY. PSYCH 446 PREREQUISITE: PSYCH. 445. 1/2 TO 1 UNIT 69784 LAB ARR 26 C R C CLINIC STAFF 69792 LAB В ARR 26 LAB LAB LAB LAB LAB 69806 ARR 26 69814 ARR 26 69922 ARR 26 69831 F ARR 26 G 69849 ARR 26 69857 н ARR 26 CRC 69865 ARR 26 CRC LAB Ť CRC 69873 LAB ARR 26 PSYCH 448 PRACTICUM IN THE STJDY OF INDIVIDUALS. PREREQUISITE: PSYCH. 441. 1/2 OR 1 UNIT 6 9881 LECT 1-3 TH 508 PSYCH BLDG RENNER ARR LAB PSYCH 456 PSYCHOLOGY OF SOCIAL COMMUNICATION. SAME AS COMM. 456.

PREREQUISITE: PSYCH. 351 OR EQUIVALENT OF CONSENT OF INSTRUCTOR. 1 UNIT 69890 9 PSYCH BLDG 1. ECT 1-3 M PSYCH 458 GROUP DYNAMICS . PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY, INCLUDING PSYCH. 351 OR EQUIVALENT. 1 UNIT 69903 LECT 10-12 F 508 PSYCH BLDG MOTIVATION AND PERSONALITY DEVELOPMENT IN CHILDREN. PSYCH 460 PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR. 1 UNIT 69911 LECT TII 508 PSYCH BLDG HILL 2 HUMAN ABILITIES.
PREREQUISITE: PSYCH. 307 OR EQUIVALENT. 1 UNIT 69920 LECT 9-11 W 608 PSYCH BLDG BOWERS RESEARCH METHODS IN CLINICAL PSYCHOLOGY AND PERSONALITY, 1. PSYCH 463 PREREQUISITE: PSYCH. 306, 403. 1/2 UNIT 69938 LECT 1-3 TU 608 PSYCH BLDG RERSTEIN PSYCH 464 SOCIAL PERCEPTION. PREREQUISITE: PSYCH. 351 OR EQUIVALENT. 1 UNIT 69946 LECT 31 PSYCH BLDG 10-12 TRIANDIS PSYCH 465 FERENCISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR. 1 UNIT 69954 LECT 1-3 TU 29 PSYCH BLDG GOULET PSYCHOLOGY OF SPEECH AND HEARING DISCRDERS. 1. SAME AS SPCH. 483.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 69962 LECI-DISC 10-12 FU 324 I H TH 324 I H 11 PSYCH 485 THE SAMPLING OF HUMAN POPULATIONS AND SOCIAL ORGANIZATIONS. SAME AS B. ADM. AND SOC. 485. PREREQUISITE: SOC. 387 OF ECON. 371, OR CONSENT OF INSTRUCTOR. 1 UNIT 69971 LECT-DISC F 170 COM W

PSYCH 490

O INDIVIDUAL RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 TO 2 UNITS STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.

69989 A CONF 69997 CONF В 70005 CONF €

PSYCH 492 PSYCHOLOGY OF LEARNING AND INSTRUCTION.

SAME AS ED. PSY. 492.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT

70013 LECT-DISC 10-12 TU 8 L H

SEMINAR. PSYCH 493

PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY; CONSENT

OF INSTRUCTOR. 1/2 OR 1 UNIT

STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE

SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.
021 LECT-DISC A ARR

70021 LECT-DISC A LECT-DISC B 70030 ARR 70048 I ECT-DISC C ARR

MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION. PSYCH 494

SAME AS ED. PSY. AND SOC. 494.

PREREQUISITE: PSYCH. 307 OR ED. PSY. 496, CONSENT OF INSTRUCTOR.

1 UNIT 70056 10-12 F 13 PSYCH BLDG LEWIS

THEORY OF MEASUREMENT. PSYCH 495

SAME AS ED. PSY. 495.

PREREQUISITE: ED. PSY. 496 OR PSYCH. 307 OR EQUIVALENT,

ED. PSY. 392 OR PSYCH. 390 OR EQUIVALENT.

1 UNIT

70064 LECT-DISC 3-5 M W 15C ARMORY

THESIS RESEARCH.

\*SECTION A IS FOR M.A. THESIS. SECTION B IS FOR PH. D. THESIS.

\*A ARR 70072 CONF 70081

CONF \*B ARR STAFF

STAFF

# RADIO AND TELEVISION

DEPARTMENT OFFICE

1218 G H

### COURSES FOR ADVANCED UNDERGRADUATES

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		SITE: CONS	ENT OF	HEAD OF DEF	ARTMENT.		
	3 HOURS					0.4040 440 751544546	
	*LECTURE	AL AND LA	THE P	TUNS BI AND	T ENROLL I	N LECTURE AZ AND LAE	I N
	SECTIONS	R2 AND 12		310001113 1103	i canocc i	N ECOTORE AZ ARO EAL	,
	70099	LECT LECT	*A1	8	M	225 G H	STELLA
	70129	LECT	*A2	8	M M	225 G H	
	70102	LAB	*B1 *B2	8-10	W F	B TV BLDG	STELLA
		LAB LAB	*L1	8-10	TUTH	225 G H 225 G H B TV BLDG B TV BLDG B TV BLDG B TV BLDG	STELLA
			*L2	8-10	TU TH	B TV BLDG	31000
0 TV	261 PRI	NC I DI CC OF	D 4 D 1 C	AND TELEVIO	T. D. D. D. A. D. C.	ACTING	
RIV	2 HOURS		KAUIU	AND IELEVIS	IUN BRUAUC	ASTING.	
	70153	LECT-DISC	N	10	TU TH	225 G H	WELCH
	70153 70161 70170	LECT-DISC	P	10 11 2	TU TH	225 G H 215 G H	WELCH
	70170	LECT-DISC	S	2	TU TH	215 G H	DOUGLASS
R TV	263 RAD	IO AND TELS	VISIO	ANNOUNCING			
				INSTRUCTOR.			
	2 HOURS						
	70188	LAB-DISC	Ł	8-10	TU TH	233 G H	JONES
R TV	267 RAD	IN PRODUCT	ON AND	DIRECTION.			
		SITE: CONSI	NT OF	HEAD OF DEP	AR TMENT.		
	3 HOURS 70196	LECT			44	222 6 11	101156
	70196	LECT	A	8 8-10	M W F	233 G H 233 G H	JONES JONES
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R TV				MATIC WRITIN			
				INSTRUCTOR.		3.	
	3 HOURS						
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			E	2	bi	A ENSEMBLE KRAN	
	70218	LECT-DISC	P P	1	TUTH	A ENSEMBLE KRAN A ENSEMBLE KRAN A ENSEMBLE KRAN A ENSEMBLE KRAN	AULETTA
				2	10	A ENSEPOLE KNAM	
RTV	291 SPE						
	2 OR 3 H		NI UF	HEAD OF DEP	AK IMEN 1 .		
	70226			ARR			WELCH
		50111155					
		LUUKSE	S FUR A	ADVANCED UND	EKGKADUATE	S AND GRADUATES	
R TV		EVISION DIE					
		SITE: R. TI OR 1/2 UNII		CONSENT OF	HEAD OF D	EPARTMENT.	
				AND TELEVIS	TON MAJORS	ONLY. ALL OTHER	
				ECTION 82.		The state of the s	
	70234	LECT	*B1	9	ч	18 G H	BLUE
	702/2	LAB	*B1	8-10	W F	A T V BLDG	21.115
	70242	LECT	*82 *82	8-10	M W F	18 G H A TV BLDG	8 L UE
		CHD	. 02	8-10 9 8-10		A IV DLUG	
R TV	355 TEL	EVISION NE	15.	**********			
		OR 1/2 UNIT		INSTRUCTOR.			
	70251	LECT-DISC		10	М	225 G H	LIPPOLD
		LAB		10-12	W F	225 G H	LIPPOLD

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R TV
               CINEMATOGRAPHY FOR TELEVISION.
           PREREQUISITE: CONSENT OF INSTRUCTOR.
            3 HOURS OR 1/2 UNIT
         70269 LECT
                                                1-3 TU 501 S WRIGHT
1-4 TH 501 S WRIGHT
9-11 TU 501 S WRIGHT
8-11 TH 501 S WRIGHT
                                                                        501 S WRIGHT
                                                                                                  HALL
                       LAB
                                     R
                                    L
         70277
                      LECT
                                                                                                  HALL
                                                               TH
                       LAB
                                    L
          PREREQUISITE: CONSENT OF INSTRUCTOR.
R TV
           3 HOURS OR 1/2 UNIT
                                         1 M W F
                    LECT-DISC E
         70285
                                                                        225 G H
                                                                                                   1 TPPOLD
R TV
                 RADIO AND TELEVISION STATION MANAGEMENT.
         PREREQUISITE: R. TV. 261, SENIOR STANDING. 2 HOURS OR 1/2 UNIT
         70293 LECT-DISC M
                                                           TU TH 225 G H
                                                                                                  MULLALLY
      363 ADVANCED DRAMATIC WRITING.
SAME AS SPCH. 363 AND THEAT. 380.
PREREQUISITE: SPCH. 263, CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE SIX HUURS OR TWO UNITS.
*3 HOURS, OR 1/2 OR 1 UNIT
70307 LECT-DISC 3-6 M C
                                                                     CONF ROOM KRAN AULETTA
R TV 365 RADIO NEWS.

PREREQUISITE: JOURN. 211.

3 HOURS OR 1/2 UNIT

LECT F
         70315 LECT
70323 LAB
                                                2 M
2-4 W F
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                                    G
                                                                         225 G H
                                                                                                   CRAMER
         70331
                     LAB
                                                2-4
                                                            TU TH
                                                                         225
                                                                                                   CRAMER
                                    5
R TV 366
           ADVANCED RADIO AND TELEVISION PRACTICES, I.
PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION, CONSENT OF
           INSTRUCTOR.
            2 HOURS OR 1/2 UNIT
                 CONF
CONF
CONF
CONF
CONF
CONF
         70340
                                    Α
                                            ARR
                                                                                                   BLUE
         70358
                                    В
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         70366
                                             ARR
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F
                                                                                                   LIPPOLD
         70374
                                            ARR
         70382
                                            ARR
                                                                                                   MULLALLY
         70391
                                            ARR
                                                                                                   WELCH
           7 ADVANCED RADIO AND TELEVISION PRACTICES, II.
PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION, CONSENT OF
R TV 367
           INSTRUCTOR.
2 HOURS OR 1/2 UNIT
*SECTION C IS FOR HEA INSTITUTES FOR SCHOOL LIBRARIANS.
                 TION C IS FUR MEA INSTITUTE
CONF A ARR
CONF & ARR
CONF CONF O ARR
CONF E ARR
CONF F ARR
         70412
                                                                                                   BLUE
         70421
                                                                                                   CRAMER
         70404
                                                                                                   HALL
         70439
                                                                                                   LIPPOLD
                                                                                                   MULLALLY
         70447
         70455
                                                                                                   WELCH
R TV
                RADIO AND TELEVISION REGULATIONS.
         PREREQUISITE: SENIOR STANDING.
2 HOURS OR 1/2 UNIT
                                        10 TU TH 113 G H
                    LECT-DISC N
                                                                                                 DOUGLASS
                                          COURSES FOR GRADUATES
          O SPECIAL PROBLEMS IN TELEVISION.
PREREQUISITE: A TELEVISION COURSE IN THE AREA OF SPECIALIZATION,
R TV
           CONSENT OF INSTRUCTOR.
           1/2 TO 3 UNITS
                                         ARR
         70471
                     CONF
                                                                                                   BLUE
                     CONF B
CONF C
CONF D
CONF E
CONF F
         70480
                                                                                                   CRAMER
         70498
                                            ARR
                                                                                                   HALL
                                                                                                   LIPPOLD
         70501
                                          ARR
ARR
                                            ARR
         70510
                                                                                                   MULLALLY
         70528
                                                                                                   WELCH
```

R TV 463 WORLD BROADCASTING. SAME AS COMM. 463.

PREREQUISITE: R. TV. 462 OR CONSENT OF INSTRUCTOR. 1 UNIT 123 G H DOUGLASS 70536 LECT-DISC H 3-5 90 SPECIAL TOPICS IN RADIO AND TELEVISION.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT. 1/2 OR 1 UNIT ARR 70544 CONF 70552 LAB A B WELCH 7-9PM W 225 G H MELL ALLY R TV 499 THESIS RESEARCH. PREREQUISITE: GRADUATE STANDING IN RADIO AND TELEVISION.

1 OR 2 UNITS ARR WELCH RECREATION AND PARK ADMINISTRATION DEPARTMENT OFFICE 104 HUFF GYM COURSES FOR UNDERGRADUATES 100 LEI REC LEISURE: ITS USES AND RESOURCES. 70579 M 154 ARMORY
TU ARR
W F 154 ARMORY
W F 207A H G 154 ARMORY LOWREY
ARR STAFF
154 ARMORY LUPTON
207A H G AUSTIN LECT 70587 LAB 3-5 DISC A 9 THEORIES AND METHODS OF LEADERSHIP.

PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR. REC 3 HOURS 70609 LAB 70617 LECT-DISC A 70625 LECT-DISC B PRINCIPLES OF CAMPING. REC 140 3 HOURS \*\*INCLUDES FIVE PRACTICAL CAMPING SESSIONS WITH BOYS AND GIRLS, 8.30
A.M. TO 12.00 NOON SATURDAYS, APRIL AND MAY.

0633 LECT-DISC 830-10 TU TH 154 ARMORY 70633 LECT-DISC LUPTON

REC 180 FIELD EXPERIENCE, I.

PREREQUISITE: DNE YEAR OF WORK IN THE RECREATION CURRICULUM OR

CONSENT OF INSTRUCTOR.

O TO 1 HOUR

70641 LAB-DISC 3-5 W 133 ARMORY GERSTENBERGER

REC 181 FIELD EXPERIENCE, II.

PREREQUISITE: ONE YEAR OF WORK IN THE RECREATION CURRICULUM OR

CONSENT OF INSTRUCTOR.

0 TO 1 HOUR

70650 LAB-DISC 3-5 W 133 ARMORY GERSTENBERGER

REC 199 UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED.

\*O TO 9 HOURS

TOPIC IS THE INNER CITY.

70668 CONF ARR REED

### COURSES FOR ADVANCED UNDERGRADUATES

REC 200 OBSERVATION TRIP.

PREREQUISITE: MAJOR OR MINOR IN RECREATION.

O CREDIT

70676 LAB ARR LOWREY

THEORIES AND METHODS OF SUPERVISION.
PREREQUISITE: REC. 180 AND 181, OR CONSENT OF INSTRUCTOR. PEC 3 HOURS 70684 LECT-DISC 1.0 M W F 154 ARMORY LOWREY REC RECREATION PROGRAM DEVELOPMENT. PREREQUISITE: REC. 100 AND 200, OR CONSENT OF INSTRUCTOR. 3 HOURS LECT-DISC 130-3 TU TH 154 ARMORY MILLER O INTRODUCTION TO THERAPEUTIC RECREATION.
PREREQUISITE: REC. 100, 110, AND 180, OR CONSENT OF INSTRUCTOR. REC 230 3 HOURS 70706 LECT+DISC 8 M W F 154 ARMORY KENNEDY. AND AUSTIN REC INTRODUCTION TO DUTDOOR EDUCATION AND RECREATION. PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR. 3 HOURS 70714 L ECT-DISC THE TH 154 ARMORY WEAVER REC SPECIAL PROBLEMS. 250 PRETEOURISTE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD.

\*\*PAMY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT. \*2 OR 3 HOURS 70722 CONF REC HONORS SEMINAR. 260 SAME AS H. ED., P. E. W., AND P. E. M. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE
PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT. \*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT. \*2 HOURS SECTION EXT TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION. SECTION EXZ TOPIC: INTRODUCTION TO RESEARCH.

1731 LECT-DISC EXI 7-9PM W

1749 LECT-DISC EXZ 7-9PM W 70731 2078 FREER GYM 70749 15 F B 273 REC RECREATION IN RURAL AREAS. SAME AS AG. EC. 273.

PREREQUISITE: REC. 100 OR SOC. 100 OR R. SOC. 117.

FIELD TRIPS, ESTIMATED EXPENSE \$15.00. 2 HOURS 70757 LECT-DISC L 8 TU TH 316N M H REGNIER PRE-PRACTICUM SEMINAR.
PREFEQUISITE: REC. 181; JUNIOR STANDING AND CONSENT OF THE SUPERVISOR OF FIELD TRAINING. RFC O CREDIT 70765 LAR-DISC 3-5 M 133 ARMORY GARRET. LOWREY REC 281 PROFESSIONAL FIELD PRACTICUM. PREREQUISITE: REC. 280. 4 HOURS 70773 CONE ARR GARRET COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES INTRODUCTION TO ADMINISTRATION.
PREREQUISITE: REC. 100 AND ADVANCED UNDERGRADUATE STANDING.
3 HOURS, OR 1/2 OR 1 UNIT REC 310 70781 133 ARMORY PE 70L DT L ECT-DISC 830-10 PARK MANAGEMENT. REC PREREQUISITE: OPEN TO SENIOR RECREATION MAJORS, OR CONSENT OF TINSTRUCTOR; THE FOLLOWING RECREATION COURSES OR EQUIVALENT MUST BE COMPLETED: L. A. 226, U. P. 171, POL. S. 305, REC. 280 AND 281. 3 HOURS, OR 1/2 OR 1 UNIT 7-10PM N 133 ARMORY

356

VAN METER

70790

REC PRINCIPLES OF THERAPEUTIC RECREATION. PRINCIPLES OF THERREFULCE REPAIRS OF THE REPAIRS OF

154 ARMORY 70803

KENNEDY

COURSES FOR GRADUATES

402 RECREATION ADMINISTRATION. REC PREREQUISITE: BASIC COURSES IN THE ORGANIZATION OF RECREATION OR FOUTVALENT.

1 UNIT

70811 LECT-DISC 930-1130 TU TH 137 ARMORY SAPORA, LOWREY

403 FVALUATION OF RECREATION RESOURCES AND PROGRAMS.
PREREQUISITE: REC 100 OR 310, OR EQUIVALENT. REC

1 UNIT

70820 LECT-DISC

TU TH 152 ARMORY M 154 ARMORY 3-5 1-3

8 I SHOP MEAD

OUTDOOR EDUCATION AND RECREATION.

PREREQUISITE: REC. 140 OR EQUIVALENT, ONE UNDERGRADUATE COURSE IN ANY ONE OF THE FOLLOWING: BIOLOGY, BOTANY, GEOLOGY, OR ZOOLOGY. REC

1 UNIT

70838 LECT-DISC

LAB

TU TH 207 H G 1-3

WEAVER

REC SEMINAR.

70897

70901

O CREDIT 70846 CONF

10-12 132 L H SAPORA & STAFF

REC SPECIAL PROJECTS. 493

PREREQUISITE: REC. 403 OR EQUIVALENT, RECREATION MAJOR.

ARR

ARR

1/2 TO 2 UNITS 70854 CONF

CONF

Α APP 70862 CONF В ARR 70871 CONE ARR CONF CONF CONF 70889 D ARR

Ε

LOWREY LINFORD SAPORA WEAVER ELLIS STAFF

THESIS RESEARCH. REC 499 99 THESIS H 0 TO 4 UNITS

70919 CONF ARR STAFF

#### RELIGIOUS STUDIES

DEPARTMENT OFFICE

361 L H

THE COLLEGE OF LIBERAL ARTS AND SCIENCES OFFERS AN INTER-DEPARTMENTAL MINOR IN RELIGIOUS STUDIES. DIRECTOR AND STUDENT ADVISER FOR THE PROGRAM IS PROFESSOR WILLIAM R. SCHOEDEL, 361 L H.

THE MINDR IN RELIGIOUS STUDIES REQUIRES AT LEAST TWENTY SEMESTER HOURS (INCLUDING HUMANITIES 201 AND 202) DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE LIST BELOW.

FOR FULL COURSE DESCRIPTIONS, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

ANTHROPOLOGY 36

CLASSICAL CIVILIZATION 111

HUMANITIES 201, 202, 203, 205, 206, 208

HISTORY 304, 306, 307, 397, 398, 399

PHILOSOPHY 110, 304, 324, 361, 362, 363

SOCIOLOGY 229, 328

RHETORIC
INCLUDING RHETORIC AND COMPOSITION, ENGLISH
AS A SECOND LANGUAGE, AND BUSINESS AND TECHNICAL WRITING

RHETORIC AND COMPOSITION

DEPARTMENT DEFICE

100 € B

MAJOR: TWENTY HOURS IN ENGLISH, INCLUDING TEN HOURS IN LITERATURE (CHOSEN FROM ENGLISH 131 AND ENGLISH COURSES AT THE 200 OR 300 LEVELS) AND TEN HOURS OF WRITING (CHOSEN FROM RHETDRIC 143, 144, 205, 206, 227, 246, 255, 263, AND 330). AT LEAST ONE COURSE IN EXPOSITORY WRITING (RHETORIC 143, 227) IS REQUIRED. WITH AN ADVISORYS PERMISSION, SPEECH 363 OR JOURNALISM 326 MAY BE COUNTED TOWARD THE MAJOR. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

MINOR: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPECH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE ADJOR OF THEIR DEPARTMENT EXCEPT FRENCH 103, 104, GERMAN 103, 104, AND SPANISH 103, 104; THE ACCEPTED SUBSTITUTE FOR FRENCH 104, GER. 104, SPANISH 103, 104; THE ACCEPTED SUBSTITUTE FOR FRENCH 104, GER. 104, SPANISH 103, 104; THE ACCEPTED SUBSTITUTE FOR FRENCH 104, GER. 104, SPANISH 105, 104; THE ACCEPTED SUBSTITUTE FOR FRENCH 104, GER. 104, SPANISH 105, 104; THE ACCEPTED SUBSTITUTE FOR FRENCH 104, GER. 104, SPANISH 105, THE DITERATURE IN TRANSLATION ARE ALSO EXCLUDED. STUDENTS INTENDING TO DO GRADUATE WORK SMOULD CONSULT THE LANGUAGE REQUIREMENTS OF THE GRADUATE COLLEGE AND THE ENGLISH DEPARTMENT WHEN THEY PLAN THEIR MINOR PROGRAMS.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: A STUDENT MAJORING IN RHETORIC AND COMPOSITION WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR HIGHER) MAY EARN DISTINCTION ONLY BY COMPLETING NINE HOURS OF HONORS WORK IN ADDITION TO THE ONLY BY COMPLETING NINE HOURS OF HONDRS WORK IN ADDITION TO THE MINIMUM NUMBER OF HOURS REQUIRED FOR HIS MAJOR. THIS ADDITIONAL CREDIT MUST INVOLVE A SIGNIFICANT WRITING PROJECT IN RHETORIC 255, THE COMPLETION OF ENGLISH 297, AND ANY TWO OF THE FOLLOWING THREE HONDRS COURSES: ENGLISH 197, 295, 296. THE LEVEL OF DISTINCTION OISTINCTICN, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE INSTRUCTORS IN CHARGE OF THE COURSES AND THE HONDRS COMMITTEE. TO RECEIVE HIGH DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL COURSES THAT COURT TOWARD HIS MAJOR: TO RECEIVE HIGHEST DISTINCT COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGHEST DISTINC-TION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.75. IF, IN THE OPINION OF HIS INSTRUCTORS AND THE COMMITTEE, A CANDIDATE HAS NOT EARNED DISTINCTION, HE MAY STILL RECEIVE CREDIT FOR THE COURSE .

#### COURSES FOR UNDERGRADUATES

RHET	101	FRESHMAN	RHETORIC	AND	COMPOSITION.
	3	HOURS			

) 110000									
70927	LECT-DISC	В	9	M	W	F	238	M E B	3
70935	LECT-DISC	C	10	М	W	F	238	MEE	3
70943	LECT-DISC	Х	12	М	W	F	241	ARMOR	RΥ
70951	LECT-DISC	E	2	M	W	F	241	ARMOR	RΥ
70960	LECT-DISC	G	3	H	lei .	F	241	ARMOR	٩Y
70978	LECT-DISC	0	11-1230	T	U TI	Н	201	E B	
70986	LECT-DISC	Q	1230-2	T	U TI	Н	140	ADMIN	V

ERESHMAN RHETORIC AND COMPOSITION 1.02 RHET

102 F	RESHMAN	RHET	ORI	C AND	COMPOS	ITION.				
PREREG	UISITE:	RHET	. 1	01.						
3 HOUR	RS.									
70994	LFCT-	-DISC	Α	1	8	M	W	F	105	H H
71001	L ECT-	DISC	Α	2	9	M	W	F	320	CER
71019	LECT-	-DISC			8	M	H	F	206	DKH
71027	LECT-				8	M	W	F	117	E B
71035	LECT-				8	M	W	F	205	E B
71 04 3	LECT-			-	8	M	iii	F	209	E B
71051	LECT-				18	М	W	F	259	E B
71060	LECT-				8	M	ä	F	210B	E B
71078	LECT-			9	8	M	W	F	312	N L
					8	M	W	F		SURV BLDG
71086	L ECT-			10					108	
71 094	LECT-			11	8	М	W	F	136	E E 8
71108	LECT-			I		М	-		119	E B
71116	LECT-				9	M	W	F	320	CER
71124	LECT-				9	H	W	F	194	LH
71132	LECT-				9	М	56	F	136	E E B
71141	LECT-				9	M	M	F	113	DKH
71159	LEC T-			6	9	M		F	243	ARMORY
71167	LECT-	DISC	В	7	9	M	W	F	E TV	PAR
71175	LECT-			I	10	M	W	F	113	DKH
71183	LECT-	-DISC	C	2	10	M	M	F	320	CER
71191	LECT-	-DISC	C	3	10	M	W	F	108	E B
71205	LECT-	DISC	C	4	10	M	W	F	136	EEB
71213	LECT-	DISC	C	5	10	M	W	F	137	ARMORY
71221	LECT-	DISC	C	6	10	M	H	F	243	ARMORY
71230	LECT-	DISC	C	7	10	М	W	F	390	L H
71248	L ECT-	DISC	C	8	10	М	W	F	E TV	PAR
71256	LECT-				1.1	M	W	F	328	ARMORY
71264	LECT-		D		11	M	W	F	320	CER
71272	LECT-				11	М	W	F	242	ARMORY
71281	LECT-		D		11	М	H	F	136	E E B
71299	L ECT-		D		11	М	H	F	1	GH
71302	LECT-			6	11	M	H	F	243	ARMORY
71311	LECT-		D		11	M	W	F	113	DKH
71329	LECT-				12	M	W	F	108	SURV BLDG
71337										
	LECT-				12	M	W	F	320	CER
71345	L ECT-		Х		12	М	W		242	ARMORY
71353	LECT-				12	М	W	F	136	E E B
71361	LECT-		X		12	M	M	F	9	C A
71370	L ECT-			6	12	M	M	F	243	ARMORY
71388	LECT-			7	12	М	W	F	113	DKH
71396	LECT-		Е	1	1	M	W	F	9	C A
71400	LECT-				1	M	₩	F	320	CER
71418	LECT-		€	3	1	H	W	F	242	ARMORY
71426	LECT-	DISC	Е	4	1	M	W	F	136	E E B

TU TH

ARMORY

147

72219

LECT-DISC

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RHET
       102
              CONTINUED
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                LECT-DISC U 9
LECT-DISC Z 1
LECT-DISC Z 2
LECT-DISC Z 3
                                                             123 D К Н
113 D К Н
206 D К Н
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330-5 TU TH
         72227
         72235
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         72243
         72251
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         72260
                     LECT-DISC
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                                                      TU TH
                                                                 241
                                                                      ARMORY
         72278
                     LECT-DISC
                                 7 5
                                                      TU TH
                                                                 209
                                                                      E B
                     LECT-DISC
                                         330-5
                                                                      ARMORY
         72286
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                                                      TIL TH
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                                         330-5
         72294
                     LECT-DISC
                                                      TU TH
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                     LECT-DISC
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         72308
                                         330-5
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         72316
                     1 ECT-DISC
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                    LECT-DISC 710
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         72324
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RHFT
                FRESHMAN RHETORIC FOR SUPERIOR STUDENTS.
        108
           PREREQUISITE: RHET. 101 OR EXEMPTION FROM RHET. 101, OR RHET. 107. *CREDIT IS NOT GIVEN FOR RHET. 108 IN ADDITION TO RHET. 102.
           #4 HOURS
         72332
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         72341
                     LECT-DISC
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                                 EA2
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         77359
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108 SURV BLDG
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         72367
                    LECT-DISC
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                     LECT-DISC
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         72391
                     LECT-DISC
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                                          11
         72405
                     LECT-DISC
                                 &D2
&X1
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                     LECT-DISC
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                    LECT-DISC
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                    LECT-DISC
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         72812
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                                                                      N L
                    LECT-DISC EZ4
                                                               108
         72821
                                                    TU TH
                                                                      SURV BLDG
        133 PRINCIPLES OF COMPOSITION.
           PREREQUISITE: RHET. 102 OR LQUIVALENT.
*CREDIT IS NOT GIVEN FOR RHET. 133 IN ADDITION TO RHET. 143.
           *3 HOURS
         72839
                                                                  C
         72847
                                          10
                                                    84
                                                          E
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RHET LECT-DISC D W CA 11 72855 M WF 109 N L М LECT-DISC X LECT-DISC E LECT-DISC F 72863 12 W F 340 L H WF 194 72871 L H 72880

194

RHET	143 IN	TERMEDIATE E	X POS 1	TORY WRITI	NG.			
	PREREQU	ISITE: A GRA	DE OF	A OR 8 IN	RHET. 102 0	R FQUI	VALENT OR	
	*CREDIT	IS NOT GIVE		RHET. 143	IN ADDITION	TO RH	ET. 133.	
	*3 HOUR: 72898		Α	8	M W F	109	N L	
	72901	LECT-DISC	В	9	M W F	206	DKH	
	72910 72928	LECT-DISC	C	10	M W F	0	D K H	
	72936	LECT-DISC	K	9	TU TH TU	121	E B	
		LECT-DISC LECT-DISC LECT-DISC LECT-DISC	K	8	TU	121	E 8	
RHET	144 NAF	PRATIVE WRIT	ING.					
					ENT, SOPHOMO			
	72944 72952	LECT-DISC	В	9	M W F M W F M W F	121	E B L H	
	72961	LECT-DISC	Х	12	M W F	194	LH	
	72961 72979	LECT-DISC	Pl	1	TU TH TU TU TH TU TU TH	194 121 121	E B	
	72987	LECT-DISC	P2	1	TU TH	194	I H	
			P2	2	TU	194	E H	
	72995	FEC1-DISC	R1	3	TU TH	108	E B	
	73001	LECT-DISC	R2	3	TU TH	194	L H	- 1
		LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	R2	4	TU	194	LH	- 31
RHET		ETRY WRITING						- 1
		ISITE: RHET.			CF INSTRUCTO	OR .		
			P 1	1	TU TH			LIEBERMAN
	73028	LECT-DISC	P1 N 1	1 2 11	TU TH	240	E B L H	LIEBERMAN VANWALLEGHI
			N1	10	TU TH TU TU TH TU		L H	VANWALLEGHE
RHET	199 UNI	DERGRADUATE	OPEN					
	*MAY BE	REPEATED.						- 1
	*0 TO 9 73036	CONE		ARR				STAFF
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		000	W2 F 2	TOR ADVANCE	C ONDERGRAD	CATES		
RHET	3 HOURS	MMUNICATIONS						
	73044	LECT-DISC	С	10	M W F	194	LH	DAVIS
RHET	205 AD1	VANCED NARRA	TIVE	WRITING, I.	,			
	PREREQU:	ISITE: RHET.	144	OR EQUIVALE	NT.			
			Ε	1	M W		E B	CURLEY
	72061	1507-0150	E	2	M W		E B E B	CURLEY .
		LECT-DISC	G	4	M W		E B	CURLEY
	73 07 9	LECT-DISC	٧	7-8301	PM TU TH	121	E B	COSTELLO ;
RHET	206 AD1	VANCED NARRA	TIVE	WRITING, I.				
	PREREQUI	SITE: RHET.						
	3 HOURS 73087	LECT-DISC	N	11	TU TH	119	ЕВ	SCOUFFAS SCOUFFAS
			N	10	TU TH TH	119	E B	SCOUFFAS
RHET	227 AD	VANCED EXPOS	ITORY	WRITING.				
	PR ER EQUI	ISITE: RHET.			CONSENT OF	INSTRU	CTOR.	
	3 HOURS 73095	LECT-DISC	D	11	TU TH	140	ADMIN	TILLMAN
			D	10	TH	140	ADMIN ADMIN	TILLMAN

RHET 255 CREATIVE WRITING. PREREQUISITE: A PREPARATORY COURSE IN ADVANCED WRITING (RHET. 205, 206, 227, 330; OR SPCH. 263, 363) AND WRITTEN CONSENT OF THE 206, 227, 330; UK SPCH. 263, 363) AND WRITTEN CUNSENT UP THE INSTRUCTOR WITH WHOM THE STUDENT WILL BE WORKING OR OF THE DIRECTOR OF ADVANCED RHETORIC IF THE INSTRUCTOR IS NOT AVAILABLE.
\*\*THIS COURSE MAY BE REPEATED FOR CREDIT TO A MAXIMUM OF 4 HOURS, 3UT THE 4 HOURS MAY NOT BE TAKEN CONCURRENTLY WITH ANOTHER COURSE IN THE SAME KIND OF WRITING. \*? HOURS STUDENTS MUST SEE THE INSTRUCTOR DURING THE FIRST WEEK OF CLASSES TO ARRANGE A CONFERENCE SCHEDULE.

INSTRUCTORS: COSTELLO, CURLEY, FRIEDMAN, FUMENTC, LIEBERMAN, MARDER, SCOUFFAS, TIBBETTS, TILLMAN, VAN MALLEGHEN.

73109 10 M W F 121

LECT-DISC C 73117

FUMENTO STAFF

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RHET 330

THE WRITING OF POETRY.

PREREQUISITE: RHET. 145, JUNIOR STANDING, AND SIX HOURS OF ENGLISH
LITERATURE, OR CONSENT OF INSTRUCTOR. \*STUDENTS MAY ACCUMULATE SIX HOURS.

\*3 HOURS OR 3/4 UNIT

73125 LECT-DISC TU TH S 4-530 121 E B LIERERMAN

RHET 388 LINGUISTICS IN LANGUAGE LEARNING, I.

SAME AS LING. 388.
PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE OR EQUIVALENT, CONSENT OF INSTRUCTOR.

4 HOURS OR 3/4 UNIT

73133 LECT-DISC C 10 MWF 210A E B

RHET 389

9 LINGUISTICS IN LANGUAGE LEARNING, II. SAME AS LING. 389. PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.

4 HOURS OR 3/4 UNIT

LECT-DISC F 2

#### COURSES FOR GRADUATES

RHET 419 CONTRASTIVE ANALYSIS.

SAME AS LING. 419.
PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT 73150 LECT-DISC C 10 M W F 252 E E B

KACHRU

#### ENGLISH AS A SECOND LANGUAGE

DEPARTMENT DESICE

317 F B

NOTE: NO STUDENT, WITH THE EXCEPTION OF THOSE WHO RECEIVED A SCORE OF 90 OR ABOVE ON THE OVERSEAS TEST, IS PERMITTED TO REGISTER FOR ANY COURSE IN REMEDIAL RHETORIC (109, 110, AND 111) OR SERVICE RHETORIC (114, 115, 400, AND 401) IN ENGLISH AS A SECOND LANGUAGE UNTIL HE HAS TAKEN THE PLACEMENT TEST IN ENGLISH AS A LANGUAGE UNTIL HE HAS TAKEN THE PLACEMENT TEST IN ENGLISH AS A SECOND LANGUAGE. AUDITORS ARE NOT PERMITTED. RHETORIC 114 AND 115 FULFILL GRADUATION REQUIREMENTS IN RHETORIC. STUDENTS ME REQUIRED TO TAKE REMEDIAL COUNSES BEFORE THEY ARE PERMITTED TO TAKE RHET, 114. ADVISERS SHOULD CONSULT THE UNDERGRADUATE STUDY BULLETIN UNDER THE SECTION ENTITLED "GENERAL REQUIREMENTS FOR GRADUATION (ENGLISH)" FOR THE DEFINITION OF STUDENTS MAY A FOREIGN STUDENT.

#### COURSES FOR UNDERGRADUATES

PHET 109

PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST.

O CREDIT

73168 LECT-DISC B 9-11 M W F 303 E 8 73176 9-11 147 ARMORY

RHET 110

ENGLISH AS A SECOND LANGUAGE.
PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

O CREDIT

\*SECTION ARR IS A SPECIAL SECTION IN ADVANCED COMMUNICATION.

73184	LECT-DISC A	8	M W F	119 E	В
73192	LECT-DISC C	10	M W F	241 AR	MORY
73206	LECT-DISC D	11	M W F	241 AR	MORY
73214	LECT-DISC F	2	M W F	238 M	E B
73222	LECT-DISC L	. 8	TU TH S	108 E	8
72221	LECT_DISC #A	DD ADD			

RHET

1 ENGLISH AS A SECOND LANGUAGE. PREREQUISITE: RHET. 109, RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR. 0 CREDIT

73249	LECT-DISC	Α	8-10	M	W F	241	ARMORY
73257	LECT-DISC	В	9-11	M	W F	242	ARMORY
73265	LECT-DISC	C	10-12	M	W F	156	MEB
73273	LECT-DISC	E	1-3	M	W F	109	N L
73281	LECT-DISC	G	3-5	M	W F	109	N L
73290	LECT-DISC	М	9-11	TU	TH S	108	E B

RHET COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS. PREREQUISITE: RHET. 111, RECOMMENDATION FROM OVERSEAS TEST OR ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

\*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH

FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.

\*0 OR 3 HOURS

LECT-DISC C 240 L H 73303 73311 LECT-DISC F MEB

RHET COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS. 115

COMPOSITION FOR UNDERGRADUATE FOREIGN STODENTS.
PREREQUISITE: RHFT. 114 AND/OR RECOMMENDATION FROM OVERSEAS TEST OR
ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
\*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH

FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT. \*O OR 3 HOURS

73320 L ECT-DISC MEB LECT-DISC F 64 M E B 73338 F

# COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AMERICAN LANGUAGE AND LITERATURE. RHET THIS COURSE IS OPEN TO ANY FOREIGN STUDENT WHO HAS COMPLETED RHET. 109, 110, AND 111 OR WHO WAS NOT REQUIRED TO TAKE THOSE COURSES. O CREDIT

73346 LECT-DISC H M W F 252 ADMIN

RHET 388 LINGUISTICS IN LANGUAGE LEARNING, I.

SAME AS LING. 388.
PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE OR EQUIVALENT, CONSENT OF INSTRUCTOR.

4 HOURS OR 3/4 UNIT 73354

LECT-DISC C 10 M W F 210A E B

RHET 389 LINGUISTICS IN LANGUAGE LEARNING, II.

SAME AS LING. 389.
PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR. 4 HOURS OR 3/4 UNIT

LECT-DISC F

### COURSES FOR GRADUATES

RHET 400 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR GRADUATE FOREIGN STUDENTS, I.

PREREQUISITE: GRADUATE STANDING AND RHET. 111, OR CONSENT OF INSTRUCTOR. O TO 4 HOURS (NO GRADUATE CREDIT) 73371 LECT-DISC

RHET 401 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR GRADUATE FOREIGN STUDENTS, II.

PREREQUISITE: GRADUATE STANDING AND RHET. 400, OR CONSENT OF INSTRUCTOR. O TO 4 HOURS (NO GRADUATE CREDIT) 73389 LECT-DISC ARR

₹RHET 419 CONTRASTIVE ANALYSIS. SAME AS LING. 419. PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR. 1/2 OR 1 UNIT 3397 LECT-DISC C 73397 10 M W F 252 E E B

### BUSINESS AND TECHNICAL WRITING

DEPARTMENT OFFICE

313 D K H

# COURSES FOR UNDERGRADUATES

RHET UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED.

\*O TO 9 HOURS

\*O TO 9 HOUS TOPIC: COMMUNICATIONS & ORGANIZATIONAL BEHAVIOR. 3401 CONE Y 7-9PM TH 317A D K H 73401

WEEKS

### COURSES FOR ADVANCED UNDERGRADUATES

RHET 251

PREREQUISITE: RHET. 101 AND 102, OR EQUIVALENT.

3 HOLLD

3 HUUKS						
STUDENTS	SHOULD	ENROLL IN	ONE LECT	URE AND ONE	DISCUSSION.	
73419	LECT	1	9	TH	101 ARMORY	WEEKS
73427	LECT	2	10	TU	120 ARCH	WEEKS
73435	LECT	3	12	M	101 ARMORY	WEEKS
73443	DISC	Δ	n n	M W	326 D K H	HOLT
73451	DISC	81	9	M W	326 D K H	HOLT
73460	DISC	82	9	W F	306 D K H	HARRIS
73478	DISC	C	10	M W	306 D K H	STEELE
73486	DISC	D1	11	W F	326 DKH	DOUGLAS
73494	DISC	D2	11	W F	306 D K H	STEELE
73508	DISC	X 1	12	W F	326 D K H	DOUGLAS
73516	DISC	€2	1	M F	306 DK FI	KNECHT
73524	DISC	F1	2	M W	306 DKH	KNECHT
73532	DISC	F2	2	M W	326 DK H	BOWMAN
73541	DISC	Ł	8	TU TH	326 DKH	HARRIS
73559	DISC	M	9	TU TH	306 D K H	HARRIS
73567	DISC	p	11	TU TH	306 DKH	STEELE
73575	DISC	Q	12	TU TH	326 DKH	BOWMAN
73583	DISC	S	2	TU TH	326 DKH	WEEKS

RHET 271 SALES WRITING.
SAME AS ADV. 288.
PREREQUISITE: RHET. 102 OR EQUIVALENT.

2 HOURS

73591	LECT-DISC	C	10	M W	326 D K H	MAGUIRE
73605	LECT-DISC	M	9	TU TH	326 D K H	MAGUIRE
73613	LECT-DISC	N	10	TU TH	184 L H	CHAPDU
73621	LECT-DISC	Р	11	TU TH	326 D K H	MAGUIRE
73630	LECT-DISC	P2	11	TU TH	312 DKH	CHAPDU

RHET 272 REPORT WRITING.
PREREQUISITE: RHET. 102 OR EQUIVALENT.

\*AFTER THE FIRST MONTH, THE COURSE WILL BE TAUGHT BY CONFERENCE

WITH INDIVIDUAL STUDENTS.

73648 CONF G 73656 CONF L 326 D K H 306 D K H TIBBETTS M W TU TH \*8

#### RURAL SOCIOLOGY DEPARTMENT OF AGRICULTURAL ECONOMICS.

#### COURSES FOR UNDERGRADUATES

UNDERGRADUATE OPEN SEMINAR. R SOC 199

\*MAY BE REPEATED. \*0 TU 9 HOURS

73664 CONE

STAFF

#### COURSES FOR ADVANCED UNDERGRADUATES

RURAL SOCIAL CHANGE. R SOC 277

SAME AS SOC. 277.
PREREQUISITE: SOC. 100 DR R. SOC. 117.

FIELD TRIP, ESTIMATED EXPENSE, \$5. 3 HOURS

73672

LECT-DISC D

1.1

SOFRANKO

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

TU TH

R SOC 343 SOCIAL CHANGE IN DEVELUPING AREAS.

SAME AS SCC. 343.

PREREQUISITE: SOC. 100 OR 151 OR EQUIVALENT.

3 HOURS, JR 1/2 OR 1 UNIT

3681 LECT-DISC 1030-12 TU TH

73681

156 ADMIN

316N M H

#### COURSES FOR GRADUATES

R SOC 487 SPECIAL PROBLEMS IN RURAL SOCIOLOGY.

SAME AS SOC. 487.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY,

CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT

CONE ARR STAFF

### RUSSIAN

SLAVIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 260 L H

MAJOR: TWENTY-FOUR HOURS OF COURSE WORK BEYOND RUSSIAN 115, AT LEAST NINE HOURS OF WHICH MUST BE IN COURSES AT THE 300-LEVEL.
MAJORS ARE REQUIRED TO TAKE A MINIMUM OF THREE LITERATURE COURSES WHICH ARE TAUGHT IN RUSSIAN AND ONE SURVEY COURSE TAUGHT IN ENGLISH.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS FROM THE FOLLOW-MINDR: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS FROM THE FOLLOW-ING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: ARABIC, EDUCAT'ON, CHINESE, ENGLISH (EXCLUDING RHETORIC 101-102), FRENCH, GERMAN, GREEK, HINDI, HISTORY, ITALIAN, JAPANESE, LATIN, LIBRARY SCIENCE, LINGUISTICS, PHILOSOPHY, POLITICAL SCIENCE, PORTUGUESE, SPANIJH, OR ANY MINOR SLAVIC LANGUAGE. THE FIRST SEMESTER OF COURSE WORK IN ANY FOREIGN LANGUAGE MAY NOT BE COUNTED TOWARD A MINOR IN THAT SUBJECT. THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES COMPRISING COURSES CULTICIDE THE SLAVIC DEPORTMENT AND BE ACCOUNTED. OUTSIDE THE SLAVIC DEPARTMENT MAY BE ACCEPTED AS A SOLE MINOR.

FIRST-YEAR RUSSIAN, I.

RUSS

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FOR STUDENTS WHO HAVE NO CREDIT IN RUSSIAN.
          #NO CREDIT TOWARD GRADUATION IS GIVEN FOR RUSS. 101 WITHOUT
          RUSS. 102.
          $4 HOURS
          ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE
        LABORATORY SECTIONS, T3-T28.
73702 LECT-DISC A
                            SC E 1
T 3 8-830
T 4 830-0
                                                    MTUWTH
                                                                  9 G H
                                                                                       STAFE
                    LECT-DISC
                                                                 305 G H
        73711
                                                    MTUWTH
                                                                                       STAFF
                    LECT-DISC
                                                                 305
        73729
                                                    MITHWITH
                                                                      GH
                                                                                       STAFF
        73737
                    1 AB
                                                     TU TH
                                                                 202
                                                                      LH
        73745
                    LAB
                                                     TU TH
                                                                 202
                                                                      L H
        73753
                   LAB
                                          9-930
                                                     TU TH
                                                                 202
                                                                      L
                                                                        н
        73761
                                        930-10
                    LAB
                                T 6
                                                     TH TH
                                                                 202
        73770
                    LAB
                                         10-1030
                                                     TU TH
                                                                 202
                                                                      L
        73788
                    LAB
                                T 8
                                       1030-11
                                                     TU TH
                                                                 202
                                                                      L
        73 796
                    LAB
                                         11-1130
                                                     TU TH
                                                                 202
                                                                      1 H
        73800
                    1 AB
                                T10 1130-12
                                                     TU TH
                                                                 202
                                                                      I H
                                T11
                                         12-1230
                                                     TU TH
        73818
                   IAB
                                                                 202
                                                                      1
                                                                        н
                                      1230-1
                    LAB
                                T12
        73826
                                         1-130
                                                     TU TH
                                                                 212
                                                                      1
                                                                        н
        73834
                    IAB
                                T13
                                                     TU TH
                                                                 202
                                                                      L
                                                                        н
                                      1-130
                                         130-2
2-230
230-3
3-330
        73842
                    LAB
                                T14
                                                     TU TH
                                                                 202
                                                                      L
                                                                        н
        73351
                    LAB
                                T15
                                                     TU TH
                                                                 202
                                                                      1
                                                                         Н
        73869
                    LAB
                                T16
                                                     TU TH
                                                                 202
                    LAB
                                T17
                                                     TU TH
                                                                 202
        73877
        73885
                    LAB
                                T18
                                         330-4
                                                     TU TH
                                                                 202
                                                                      1
                                          4-430
30-5
5-530
        73893
                    LAB
                                T19
                                                     TU TH
                                                                 202
                                                                        н
                                                                      L
        73907
                    LAB
                                T20
                                         430-5
                                                     TU TH
                                                                 202
                                                                      L
                    LAB
                                T21
        73915
                                                     TU TH
                                                                 202
                                                                      I H
                                        530-6
        73923
                                122
                                                     TH TH
                                                                 202
                    LAB
                                                                      I H
                                T25
                                          7-730 PM
        73931
                    LAB
                                                     TU TH
                                                                 202
                                                                      L
                                                                        н
                                      730-8PM
8-830PM
830-9PM
              LAB
LAB
LAB
        73940
                                T26
                                         730-8PM
                                                     TU TH
                                                                 202
                                                                      L
                                                                        Н
                                          8-830 PM
        73958
                                T27
                                                     TU TH
                                                                 202
                                                                      L H
        73966
                                128
                                                     TU TH
                                                                 202
                                                                        н
             FIRST-YEAR RUSSIAN, II.
PUSS 102
          PREREQUISITE: RUSS. 101.
          4 HOURS
          ALL STUDENTS IN THIS COURSE MUST PEGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, T3-T28 EXCEPT SECTION X IN WHICH LANGUAGE LABORATORY IS OPTIONAL. SECTION X IS AN HONORS SECTION.
        73974
                                                  MTUWTH
                                                                 120
                                                                      COM N
                                                                                       STAFF
        73982
                                                   MTUWTH
                                                                 120
                                                                      COM W
                                                                                       STAFF
        73991
                                                    MTUWTH
                                                                      COM W
                                                                                       DUNATOV
                                                                 120
                                                                                       STAFF
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| LECT-DISC A | 8 | LECT-DISC B | 9 | LECT-DISC C | 10 | LECT-DISC D | 11 | LECT-DISC E | 2 | LECT-DISC E | 1 | LECT-DISC F | 2 74007 HTWUTH 120 COM W 74279 MTUWTHE 120 COM W 74015 MTUWTH 120 COA W 2 8-83C 74023 F 2 T 3 8-83C T 4 830-9 HTUWTH 120 COM W 74031 LAB TU TH 202 LH 74040 IAB TU TH 202 1 H T 5 9-930 74 05 8 LAB TU TH 202 L H 930-10 74066 LAB T 6 TU TH 202 L H 74074 LAB T 7 10-1030 TU TH 202 Ł H 74074 74082 74091 74104 74112 LAB T 8 1030-11 TU TH 202 н Ł LAB T 9 11-1130 TU TH 202 L LAB T10 1130-12 TU TH 202 L LAB T11 T12 12-1230 TU TH 202 L 74121 LAB 1230-1 TU TH 202 LH 230-1 1-130 74139 IAR T13 TU TH 202 \$ н 130-2 74147 LAB TU TH T14 202 1 H 2-230 LAB 74155 T15 TU TH 202 1 н 230-3 74163 IAB T16 TU TH 202 1 Н 74171 LAB T17 3-330 TU TH 202 1 H 74180 LAB T18 330-4 TU TH 202 L н 74198 IAR T19 4-430 30-5 TU TH 202 Ĺ н 74201 LAB T20 430-5 TU TH 202 L H 5-530 74210 LAB T21 TU TH 202 74228 LAB T22 530-6 TII TH 202 1 H 74236 LAB T25 7-730PM TU TH 202 LH T26 730-8PM T27 8-830P T28 830-9PM 74244 LAB TU TH 202 L 51 LAB 74252 8-830PM TU TH 202 1 14 74261 LAB TH TH 202 1 8

STAFF

STAFF

STAFF

RUSS 103 SECOND-YEAR RUSSIAN, I. PREREQUISITE: RUSS. 102 OR EQUIVALENT. 4 HOURS ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE 305 G H 392 L H 202 L H 202 L H STAFF STAFF RUSS 104 SECOND-YEAR RUSSIAN. II. PREREQUISITE: RUSS. 103. 4 HOURS ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE STAFE STAFF STAFF STAFF STAFF RUSS 112 INTENSIVE SECOND-YEAR RUSSIAN. PREREQUISITE: RUSS. 111 OR 102.

ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR TWO HOURS
OF WORK WEEKLY IN THE LANGUAGE LABORATORY.

74-830 LECT-DISC BE 9 MTUWIH 2.4 N L STAFF
BE 1 MTUWIH 2.04 N L STAFF

RUSS 116 RUSSIAN LITERATURE IN TRANSLATION. II.

8 HOURS

RUSS 116 RUSSIAN LITERATURE IN TRANSLATION, II.
3 HOURS
74848 LECT-DISC E 1 M W F 106 L H BROSTROM

RUSS 121 BEGINNING READING COURSE. I. NO PRIOR KNOWLEDGE OF RUSSIAN REQUIRED. 4 HOURS LECT-DISC J 5 MTUWTH 74856 266 E R L STAFF RUSS 122 BEGINNING READING COURSE, II. PREREQUISITE: RUSS. 121. 4 HOURS 74364 LECT-DISC H 4 MTUWTH 9 G H STAFF BEGINNING READING COURSE, III. PREREQUISITE: RUSS. 122. 4 HOURS 74872 LECT-DISC G 3 MIUWIH 9 G H STAFF UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*O TO 9 HOURS SECTION A TOPIC: RUSSIAN LITERATURE, 3 HOURS. SECTION B TOPIC: RUSSIAN LANGUAGE, 3 HOURS. 74881 CONF A ARR 74899 CONF B ARR COURSES FOR ADVANCED UNDERGRADUATES RUSS 211 DRAL RUSSIAN, I.
PREREQUISITE: RUSS. 103 AND 104 OR CONSENT OF INSTRUCTUR. 22 HOURS 1902 LECT-DISC E 1 TU TH 9 G H 74902 M. ZALUCKY 12 ORAL RUSSIAN, II.

PREREQUISITE: RUSS. 211 OR CONSENT OF INSTRUCTOR. 2 HOURS
74911 LECT-DISC B 9 M W 261 L H M. ZALUCKY
74929 LECT-DISC F 2 TU TH 9 G H M. ZALUCKY 213 RUSSIAN COMPOSITICN, I. Prerequisite: RUSS. 104 OR CONSENT OF INSTRUCTOR. RUSS 213 2 HOURS 2 M W 300 N L 74937 M ZALUCKY LECT-DISC F RUSSIAN COMPOSITION, II. PREREQUISITE: RUSS. 213 OR CONSENT OF INSTRUCTOR. 2 HOURS 4945 LECT-DISC X 12 TU TH 43 G H 74945 H. ZALUCKY RUSS 215 INTRODUCTION TO RUSSIAN LITERATURE, I. PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR. 3 HOURS M W F 9 G H 74953 LECT-DISC C 10 E. COHEN INTRODUCTION TO RUSSIAN LITERATURE, II. PREREQUISITE: RUSS. 215 OR CONSENT OF INSTRUCTOR. 3 HOURS
74961 LECT-DISC C 10 M W F 216 L H BROSTROM
74970 LECT-DISC D 11 M W F 305 G H AWSIENKO SENIOR THESIS AND HOMORS. RUSS 292 2 HOURS 4989 CONF AFR 74988 COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES PREREQUISITE: RUSS. 216 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT 74996 LECT-DISC E 1 M W F 9 G H G. MILLAR

RUSS	304 ADVANCED READI PREREQUISITE: RUSS.	303 OR EQUIVAL	ENT.						
	2 HOURS OR 1/2 UNIT 75002 LECT-DISC	8 9	TU TH	9 G H	M. ZALUCKY				
RUSS	308 RUSSIAN PHONET PREREQUISITE: RUSS.	212, OR CONSEN	T OF INSTRUC	TOR.					
	3 HOURS OR 3/4 UNIT 75011 LECT-DISC	C 10	м w ғ	261 L H	K. KLEIN				
RUSS	314 ADVANCED COMPO PREREQUISITE: RUSS.	313 OR CONSENT	OF DEPARTME	NT.					
	3 HOURS OR 3/4 UNIT 75029 LECT-DISC	В 9	M W F	9 G H	H. ZALUCKY				
RUSS	315 NINETEENTH CEN SAME AS HUMAN. NO KNOWLEDGE OF RUS	315.	IN TRANSLAT	ICN.					
	3 HOURS OR 1 UNIT 75037 LECT-DISC		M W	392 L H	E. BRISTOL				
RUSS	PREREQUISITE: RUSS.	216 OR CONSENT	OF INSTRUCT	DR.					
	3 HOURS OR 3/4 UNIT 75045 LECT-DISC				T. PACHMUSS				
RUSS	PREREQUISITE: RUSS.	216 OR CONSENT	TO 1917. OF INSTRUCT	OR.					
	3 HOURS OR 3/4 UNIT 75053 LECT-DISC	D 11	M W E	261 L H	M. CURRAN				
RUSS	325 SOVIET RUSSIAN PREREQUISITE: RUSS.	LITERATURE. 215, 216, 217	DR CONSENT D	F INSTRUCTOR.					
	3 HOURS OR 3/4 UNIT 75061 LECT-DISC	F 2	M W F	9 G H	G. MILLAR				
RUSS	333 THE RUSSIAN SH PREREQUISITE: RUSS.	216 OR CONSENT	OF INSTRUCTO	JR.₀					
	2 HOURS OR 1/2 UNIT 75070 LECT-DISC		ти тн	216 L H	M. CURRAN				
	COURSES FOR GRADUATES								
RUSS	400 BEGINNING RUSS 4 HOURS								
	75088 LECT-DISC				STAFF				
RUSS	401 READINGS IN RU PREREQUISITE: RUSS. 4 HOURS	400 DR EQUIVAL	ENT.						
	75096 LECT-DISC		MTUWTH	120 COM W	STAFF				
RUSS	406 RUSSIAN MORPHO 1 UNIT 75100 LECT-DISC		M W F	9 G H	F. GLADNEY				
RUSS	408 RUSSIAN PHONOLO	T U U 0							
	PREREQUISITE: CONSFI 1 UNIT 75118 LECT-DISC			392 L H	M. KENSTOWICZ				
RUSS	412 LITERATURE OF	THE ELGHTEENTH (	CENTURY.						
	1 UNIT 75126 LECT-DISC	F 2	мме	261 L H	M. CURRAN				
RUSS	417 HISTORY OF THE PREREQUISITE: RUSS.		SE.						
	1 UNIT 75134 LECT-DISC	9	M W F	162 L H	HILL				

RUSS 419 IDESTUY.

PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD.

1 UNIT

75142 | IECT-DISC BC | 1040-1155 | TU TH | 261 | I H | T. PACHMUSS

RUSS 423 SEMINAR IN RUSSIAN POETRY.

PREREQUISITE: RUSS. 337 OR CONSENT OF DEPARTMENT.

\* MAY BE REPEATED NOT TO EXCEED 3 UNITS OF CREDIT.

\*1 UNIT

75151 LECT-DISC = 1-215 TU TH 261 LH E. BRISTOL

RUSS 425 SEMINAR IN RUSSIAN DRAMA.

PREREQUISITE: RUSS. 335 OR CONSENT OF DEPARTMENT.

1 UNIT

75169 LECT-DISC GH 3-415 M W 261 L H L. IRIBARNE

### RUSSIAN AND EAST EUROPEAN CENTER

DEPARTMENT OFFICE 1207 W OREGON

### STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

MAJOR: STUDENTS WHO ÉLECT RUSSIAN LANGUAGE AND AREA STUDIES AS A MAJOR MUST:

1-COMPLETE THE PRESCRIBED AND GENERAL EDUCATION SEQUENCES REQUIRED IN THE SCIENCES AND LETTERS CURRICULUM.

2-COMPLETE AT LEAST TWENTY SEMESTER HOURS OF RUSSIAN LANGUAGE COURSES, IN ADDITION TO RUSS. 101-102, OR DEMONSTRATE EQUIVALENT PROFICIENCY.

3-COMPLETE A MAJOR CONSISTING OF AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST FOUR DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE PROGRAM OF RUSSIAN LANGUAGE AND AREA STUDIES MAY NOT COUNT AS PART OF THIS THENTY HOURS.

ANTH. 381, 382

ECON. 357

RUSS. 115, 116, 199, 217, 317, GEOG. 353

RUSS. 115, 116, 199, 217, 317, 321, 322, 323, 324, 325, 326, 327, 328

SOC. 350

UKR. 396, 398

4-COMPLETE A MINOR OF TWENTY HOURS, EXCLUDING COURSES OPEN TO FRESHMEN, IN ONE OR TWO DEPARTMENTS. IF TWO ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH. COURSES IN THE RUSSIAN LANGUAGE MAY, WITH THE APPROVAL OF THE CENTER DIRECTOR, CONSTITUTE ALL OR PART OF THIS MINOR.

RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR: A MINOR IN RUSSIAN LANGUAGE AND AREA STUDIES, DESIGNED TO ACCOMPANY A MAJOR IN ANY DEPARTMENT, REQUIRES AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. IT ALSO REQUIRES A KNOWLEDGE OF RUSSIAN EQUIVALENT AT LEAST TO THAT NORMALLY ATTAINED AFTER RUSS. 101-102.

ANTH. 381, 382

POL. S. 335, 383

ECON. 357

GEOG. 353

HIST. 219, 320, 321, 325, 321, 322, 323, 324, 325, 326, 327, 328

SOC. 350

UKR. 396, 398

GRADUATE MINORS IN RUSSIAN LANGUAGE AND AREA STUDIES

MINOR FOR THE MASTERS DEGREE: A CANDIDATE FOR THE MASTERS DEGREE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN BELOW. THE COURSES CHOSEN MUST BE IN AT LEAST TWO DEPARTMENTS.

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ANTH.
         381, 382
                                   RHSS
                                             317, 321, 322, 323,
ECON.
         357, 457
                                              324, 325, 332, 333,
                                              335, 406, 407, 408,
410, 412, 414, 416,
GEDG.
         353, 495
HIST.
         320, 321, 325, 326,
327, 328, 427
                                              417, 421, 423, 424
          369, 371
                                    SLAV.
                                              405
LIB. S.
                                    SDC.
                                              350, 450
         433
POL. S. 335, 383, 435, 440
                                    UKR.
                                             396, 398
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MINOR FOR THE PH.D. DEGREE: A DOCTORAL CANDIDATE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST DEMONSTRATE A READING COMMAND OF RUSSIAN AS TESTED BY EXAMINATION OR BY COMPLETION OF RUSSIAN 104 DR 401 MITH A GRADE OF A OR B, AND IN ADDITION MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN JUST ABOVE. THE FOUR UNITS MUST BE DISTRIBUTED AMONG AT LEAST TWO DEPARTMENTS OUTSIDE OF, AND MAY AT THE SAME TIME INCLUDE UP TO ONE UNIT FROM WITHIN, THE DEPARTMENT OFFERING THE CANDIDATE'S MAJOR.

CERTIFICATE OF GRADUATE SPECIALIZATION IN RUSSIAN LANGUAGE AND AREA STUDIES

THIS CERTIFICATE IS AWARDED BY THE GRADUATE COLLEGE AND THE RUSSIAN AND EAST EUROPEAN CENTER. IT IS FOR PERSONS WITH THE BACCALAUREATE WHO ARE ENROLLED IN ADVANCED STUDIES IN ANY DISCIPLINE AND WHO WISH AT THE SAME TIME TO GAIN A KNOWLEDGE OF THE RUSSIAN AREA AND LANGUAGE. THE REQUIREMENTS ARE: (1) A GOOD COMMAND OF WRITTEN AND SPOKEN RUSSIAN, AS DETERMINED BY SPECIAL EXAMINATIONS. (2) AT LEAST SIX GRADUATE UNITS RELATING TO RUSSIA, DISTRIBUTED AMONG AT LEAST THREE OF THE DEPARTMENTS REPRESENTED IN THE PROGRAM (ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, LAW, LIBRARY SCIENCE, POLITICAL SCIENCE, RUSSIAN AND SOCIOLOGY) IN ADDITION TO THE STUDENTS MAJOR DEPARTMENT. FOR COURSES, SEE ABOVE. IF THE STUDENTS MAJOR DEPARTMENT IS ONE OF THESE NINE HE MAY COUNT, AS PART OF HIS SIX UNITS, UP TO CHE UNIT FROM WITHIN HIS MAJOR DEPARTMENT. (3) A SPECIAL ESSAY BASED LARGELY ON RUSSIAN SOURCES AND TO BE, AT THE MINIMUM, OF THE STANDARD NORMALLY REQUIRED IN A MASTERS THESIS. THE STUDENT MAY SUBMIT, IN FULFILLMENT OF THIS REQUIREMENT, A COPY OF HIS MASTERS THESIS OR DOCTORAL DISSERTATION.

### STUDENTS IN OTHER COLLEGES

STUDENTS IN OTHER COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO DESIRE A KNOWLEDGE OF THE RUSSIAN ARE ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR OF THE RUSSIAN AND EAST EUROPEAN CENTER IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH PROGRAMS MAY IN SOME CASES BE ADOPTED AS A SPECIAL MINOR.

BELOW ARE LISTED COURSES APPROVED FOR THE RUSSIAN LANGUAGE AND AREA STUDIES PROGRAMS. FOR FULL COURSE DESCRIPTIONS OF THOSE BEING OFFERED THIS SEMESTER, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

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ANTH 381, 382
ECON 357, 457
                                              RUSS 115, 116, 199, 217,
                                                       317, 321, 322, 323, 324, 325, 332, 333,
        353, 381, 382, 495,
219, 320, 321, 325,
326, 327, 328, 427
GEOG
HIST
                                                       335, 406, 407, 408,
                                                       410, 412, 414, 416,
                                                       417, 421, 423, 424
LAW
       369, 371
LIB S 433
                                              SLAV
                                                       405
POL S 335, 383, 435, 440
                                              SOC
                                                      350, 450
                                                      396, 398
                                              HKR
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### SAFETY EDUCATION

DEPARTMENT OFFICE

114 HUEF GYM

#### COURSES FOR ADVANCED UNDERGRADUATES

S ED 280 SAFETY EDUCATION.

3 HOURS

\*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN 400 H. G.

75177 LECT-DISC B \*9 HUFFMAN

STAFF

S ED 284 DRIVER EDUCATION.

PREREQUISITE: DRIVERS LICENSE, JUNIOR STANDING.

3 HOURS

\*TWO ADDITIONAL HOURS PER WEEK TO BE ARRANGED IN 400 H. G.

LECT-DISC L \*8 75185 TU TH 207 H G

SAFETY EDUCATION FIELD WORK.

PREREQUISITE: SENIOR STANDING IN PUBLIC SAFETY EDUCATION.

O CREDIT

I AR-DISC ARR

S ED 294 ADVANCED TRAFFIC SAFETY EDUCATION.

PREREQUISITE: S. ED. 284. 3 HOURS

FIELD TRIP AND TWO HOURS LAB PER WEEK TO BE ARRANGED IN 400 H. G. 5207 LECT-DISC M 9 TU TH 211 H G

75207

HUFFMAN

HUFFMAN

#### SCANDINAVIAN

GERMANIC LANGUAGES AND LITERATURES.

DEPARTMENT OFFICE

### COURSES FOR UNDERGRADUATES

ELEMENTARY SCANDINAVIAN, II. SCAN 102

PREREQUISITE: SCAN. 101. 4 HOURS

TOPIC: NORWEGIAN.

LECT-DISC B 9 MTUWTH 75215 270 L H HENDERSON

INTERMEDIATE SCANDINAVIAN, II.

PREREQUISITE: SCAN. 103.

4 HOURS

TOPIC: DANISH, SWEDISH, NORWEGIAN.

75223 LECT-DISC B MTUWTH 370 L H MITCHELL

# COURSES FOR ADVANCED UNDERGRADUATES

CONVERSATION AND WRITING. SCAN 216

PREREQUISITE: SCAN. 104.

2 HOURS

75231 LECT-DISC ARR

### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SCAN 362 STRINDBERG AND THE LATER SCANDINAVIAN DRAMATISTS.

SAME AS HUMAN. 362.

3 HOURS OR 1 UNIT

75240 LECT-DISC G 3 M WTH 162 L H

MITCHELL

#### SECONDARY AND CONTINUING EDUCATION

### DEPARTMENT OFFICE

EDUCATION BUILDING

#### COURSES FOR UNDERGRADUATES

SE	ED	101 1	NTRODUC	TION	TO THE	TEACHING	OF SECO	NDAR	Y SCHOOL	SUBJECTS.	
		2 HOUR	S								
		*SECTI	ON E:	SCIEN	CE	1	* SECTION	P2:	ENGLISH	1	
		*SECTI	ON MI:	ENGLI	SH		*SECTION	P3:	MATH		
		* SECTI	ON 42:	FOREI	GN LAN	GUAGE	*SECTION	P4:	SOCIAL	STUDIES	
		*SECTI	UN M3:	MATH			* SECTION	R1:	SCIENCE		
		*SECTI	ON V1:	FOREI	GN LAN	GUAGE	*SECTION	R2:	ENGLISH	i	
		*SECTI	ON N2:	MUSIC		1	*SECTION	R3:	SOCIAL	STUDIES	
		*SECT I	ON N3:	SOCIA	L STUD	IES :	*SECTION	S1:	SEOP		
		*SECTI	ON P1:	FOREI	GN LAN	GU A G E	*SECTION	S2:	MATH		
		REGIST	RATION	IN SE	CTIONS	M1, N3,	AND R2 A	LSO F	REQUIRES	REGISTRATION	
		IN SEC					NDARY ED		ION 240,	RESPECTIVELY.	
		75258	LFCT	-DISC	*Ε	1-3		F	4 G	EDUC	WELLER
		75266	LFCT	-DISC	*M1		TU	TH	19	DKH	MADSEN
		75274		-DISC		9	ŦU			EDUC	DAIGH
		75282			≠M3		TU			DKH	SHIRK
		75291	LECT	-DISC	*N1	10	TU			EDUC	KAULFERS
		75304		-DISC		10	TU			ARMORY	KOHUT
		75312		-DISC		10	ŦU			COM W	METCALF
		75321		-DISC		11	TU			EDUC	KAULFERS
		75339		-D1SC		11	TU			ARMORY	FILLION
		75347		-DISC		11	TU			ARMORY	SHIRK
		<b>7</b> 5 355		-DISC		11	TU			DKH	HER ING
		75363		-DISC		1 - 3		TH		EDUC	GOUL D
		75371		-DISC		1	TU			ARMORY	LONGSTREET
		75380		-D1SC		1	TU			CDM W	HER ING
		75398		-DISC		9-11				DKH	
		75401	LECT	-DISC	*85	2	ŤU	TH	125	DKH	KNIFONG

99 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS SE ED 199

75410 CONF

ARR

### COURSES FOR ADVANCED UNDERGRADUATES

PRINCIPLES OF SECONDARY EDUCATION SE ED 240 PREREQUISITE: SE. ED. 101 AND PSYCH. 100. 2 HOURS \*SECTIONS X1, X2, X3, AND X4 ARE PRIMARILY FOR STUDENTS
REGISTERED FOR OFF CAMPUS STUDENT TEACHING. THESE SECTIONS WILL REGISTERED FOR OFF CAMPUS STUDENT TEACHING. THESE SECTIONS WILL NOT MEET DURING THE SIX WEEK STUDENT TEACHING PERIOD.

\*\*REGISTPATION IN SECTIONS N2, P, AND SI ALSO REQUIRES REGISTRATION IN SECTIONS M1, N3, AND R2 OF SECONDARY EDUCATION 101 RESPECTIVELY.

SECTION X5 RESERVED FOR STUDENT TEACHERS ENROLLED IN DISTRICT 214 PROJECT. SECTION X6 RESERVED FOR ART STUDENT TEACHERS. SECTION S2 RESERVED FOR SEOP STUDENTS.

75428 LECT-DISC L 8 TU TH 192 EDUC

75436	LECT-DISC M1	9	TU TH	15 D K H	
75444	LECT-DISC M2	9	TU TH	192 EDUC	FILLION
75452	LECT-DISC NI	10	TU TH	317A D K H	HENDERSON
75509	LECT-DISC *N2	10	TU TH	19 D K H	MADSEN
75517	LECT-DISC *P	11	TU TH	36 COM W	METCALF
75525	LECT-DISC *S1	2	TU TH	150 ARMORY	LONGSTREET
75533	LECT-DISC *S2	8-10	TU TH	150 ARMORY	
75461	LECT-DISC *X1	12	4 W F	I EDUC	BROWN
75479	LECT-DISC *X2	1	M W F	1 EDUC	KAULFERS
75487	LECT-DISC *X3	12	M W F	166 EDUC	KETTELKAMP
75495	LECT-DISC *X4	ì	M W F	328 DKH	HAWKINS
75541	LECT-DISC X5	ARR			FISCHER
75550	LECT-DISC X6	ARR			MAR SHALL

TU TH 192 FOUC HENDERSON

TECHNIC OF TEACHING IN THE SECONDARY SCHOOL. PREREQUISITE: HP. EC. 201 AND SE. ED. 240 AND CONCURRENT REGISTRA-TION IN ED. PR. 242, CONSENT OF INSTRUCTOR. 3 TO 5 HOURS AT THE REGISTRATION PERIOD BY THE PERSON LISTED AS THE INSTRUCTOR \*SECTION F1 RESERVED FOR SCIENCE STUDENTS IN DISTRICT 214 PROJECT.

\*SECTION J2 RESERVED FOR SCIENCE STUDENTS IN DISTRICT 214 PROJECT. \*SECTION L6 RESERVED FOR ENGLISH STUDENTS IN DISTRICT 214 PROJECT.
\*SECTION T2 RESERVED FOR MATHEMATICS STUDENTS IN DISTRICT 214 PRUJECT. 75606 LECT-DISC A MITHWITHE 25 EDUC KNAPP PHYSICAL EDUCATION MEN (3 HOURS) 75614 LECT-DISC D 10-12 MTUWTHE 1 EDUC MANCUSO PHYSICAL EDUCATION WOMEN (3 HOURS) 75568 LECT-DISC \*F1 GOULD SCIENCE (5 HOURS) LECT-DISC F2 SCIENCE (5 HOURS) 10-12 46 FOUL WELLER 75622 75631 LECT-DISC J1 9-11 153 ARMORY спх TU TH 153 ARMORY J1 SOCIAL STUDIES (4 HOURS) 75576 LECT-DISC \*J2 ARR PAYETTE SOCIAL STUDIES (4 HOURS) 224 75649 LECT-DISC 9-11 4 W F DKH JOHNSON .13 9 224 D K H SOCIAL STUDIES (4 HOURS) ARR LECT-DISC K 75657 MAR SHALL ART (3-4 HOURS) W F 75565 LECT-DISC L1 10-12 21 D K H LONGSTREET 21 DKH 10 ENGLISH (5 HOURS) 75673 LECT-DISC L2 10-12 1 W F 385 EDITO FILL ION 12 385 EDUC ENGLISH (5 HOURS) L3 10-12 389 EDUC HOETKER 75681 LECT-DISC 10 TU TH 389 F DUC ENGLISH (5 HOURS) 75690 LECT-DISC L4 10-12 15 ОКН JACOBS 10 THE THE 15 DKH ENGLISH (5 HOURS) M W F 75703 LECT-DISC 1.5 10-12 F 150 ARMORY NEMANICH ARMORY 15 10 150 ENGLISH (5 HOURS) LECT-DISC \*L6 ERICKSON 75584 ENGLISH (5 HOURS) LECT-DISC NI MTUWTHE EDUC DAIGH 75 71 1 25 FOREIGN LANGUAGE (4 HOURS) LECT-DISC N2 75720 MITUMINE 33 EDUC KETTEL KAMP FOREIGN LANGUAGE (4 HOURS) 75738 LECT-DISC N3 MIUWIHE **EDUC** HAWKINS

MIUWIHE

MTUWTHE

MTUWTHE

M WTH

**EDUC** 

153 ARMORY 143 ARMORY

25 EDUC

MATHER

TINKHAM

DAVI SON

FOREIGN LANGUAGE (4 HOURS)

HOME ECONOMICS (3 HOURS)

LECT-DISC S 1 MT
INDUSTRIAL EDUCATION (3 HOURS)

MATHEMATICS (5 HOURS)

LECT-DISC R

LECT-DISC T1

LAB

75746

75754

75762

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SE ED 241 CONTINUED
                                        LECT-DISC *T2 ARR
                                                                                                                                                                                TRAVERS
                75592
                                         MATHEMATICS (5 HOURS)
                                         LECT-DISC V
MUSIC (3-4 HOURS)
                                                                                                       MTUWTHE
                                                                                                                                  36 COM W
                75771
                                                                                                                                                                                COLWELL
                                         LECT-DISC V2 9
MUSIC (3-4 HOURS)
                75789
                                                                                                       MITUWIHE
                                                                                                                                3174 D K H
                                                                                                                                                                               COL WELL
                                        LECT-DISC DD ARR
                 75 797
                                                                                                                                                                                KOEBEL
                                        DANCE (3 HOURS)
                                                                                                    MTUWTHE
                75801
                                        LECT-DISC C
                                                                                    8
                                                                                                                                114 H G
                                                                                                                                                                             BROWN + CONLEY
                                         HEALTH AND SAFETY EDUCATION (3 HOURS)
SE ED 247
                              TEACHING OF SPEECH.
                    SAME AS SPCH. 247.
PREREQUISITE: SENIOR STANDING, 3.5 GPADE AVERAGE.
                    5 HOURS
                                                                                                    MITUWITHE
                                                                                                                                145 L H
                75819
                                        L ECT-DISC
                                                                                     2-4
                                                                                                                                                                              TNCE
SE ED 249
                              INDEPENDENT STUDY.
                   PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
                    POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES
                     THE WORK.
                     2 OR 3 HOURS
                20 3 HOURS C AND D ARE FOR COMPUTER-ASSISTED INSTRUCTION. 3 HOURS.
75827 LECT-DISC *C 3-5 TU 28 COM W
75835 LECT-DISC *D 3-5 TH 28 COM W
                                                                                                                                                                               HICKS
                                                                                                                                                                             HICKS
                              THESIS.
SE ED 291
                  PREREQUISITE: SENIOR STANDING.
                   2 HOURS
                75843
                                       CONE
                                                                               ADD
SE ED 292 THESIS.
PREREQUISITE: SENIOR STANDING.
                   2 HOURS
                75851
                                       CONF
                                               COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES
SE ED 336 FUNDAMENTALS OF READING TECHNIQUES.
                    SAME AS EL. ED. 336.
PREREQUISITE: JUNIOR STANDING: REGISTRATION IN A TEACHER EDUCATION
                   CURRICULUM.

3 HOURS, OR 1/2 DR 1 UNIT

*SECTIONS A, A1, C, C1, C2, C3, F, AND E1 WILL NOT MEET DURING

*EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD. SECTIONS X,

Y, AND Z WILL NOT MEET DURING SIX-WEEK JUNIOR AND SENIOR HIGH

SCHOOL STUDENT TEACHING PERIOD. SECTIONS A, C, C2, C4, E, AND F ARE

ONLY FOR STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD

**CHERTICULA** SECTIONS C6 AND F2 ARE ONLY FOR SPECIAL

**CHERTICULA** SECTIONS C6 AND F2 ARE ONLY FOR SPECIAL

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**CHERTICULA** SECTIONS C6 AND F2 ARE ONLY F0R SPECIAL

**CHERTICULA** SECTIONS C6 AND F2 ARE ONLY F0R SPECIAL

                    CURRICULUM.
                    ONLY FUR STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION CURRICULA. SECTIONS C6 AND F2 ARE ONLY FOR SPECIAL EDUCATION STUDENTS. STUDENTS IN CTHER CURRICULA ENROLL IN SECTIONS A1, C, C3, C5, C7, E1, F1, OR F3.

894 LECT-DISC *A 8-10 M W F 1 EDUC
                                                                                                                                 1 EDUC
1 EDUC
166 EDUC
                75 894
                                                                               8-10
8-10
                                                                                                              W F W F
                                        LECT-DISC *A1
                75975
                                                                                                     М
                                                                                   10-12
                75908
                                        LECT-DISC *C
                                                                                 10-12
                75983
                                        LECT-DISC *C1
                                                                                                        м
                                                                                                                                  166 EDUC
                75916
                                        LECT-DISC *C2
                                                                                   10-12
                                                                                                       M
                                                                                                               W
                                        LECT-DISC *C3
                                                                                                                     F
                                                                                                                                            EDUC
                75991
                                                                                   10-12
                                                                                                        M
                                                                                                                                  192
                                                                                                                     F
                75924
                                        LECT-DISC #C4
                                                                                   10
                                                                                                         М
                                                                                                               W
                                                                                                                                    25
                                                                                                                                            FOLIC
                                                                                                              W F F F F
                76008
                                        LECT-DISC *C5
                                                                                    10
                                                                                                        м
                                                                                                                                    25
                                                                                                                                            FOLIC
                75 93 2
                                        LECT-DISC *C6
                                                                                                        М
                                                                                                                                    25
                                                                                                                                             EDUC
                                                                                    10
                76016
                                        LECT-DISC *C7
                                                                                                         М
                                                                                                                                  25
                                                                                    10
                                                                                                                                            EDUC
                75941
                                        LECT-DISC *E
                                                                                     1-3
1-3
                                                                                                       М
                                                                                                                                    36
                                                                                                                                             COM W
                76024
                                        LECT-DISC *E1
                                                                                                                                  36
                                                                                                                                            COM W
                                                                                                       M
                75959
                                        LECT-DISC *F
                                                                                    2
                                                                                                                                   1
                                                                                                                                             EDUC
                76032
                                        LECT-DISC *F1
                                                                                                       M
                                                                                                                     F
                                                                                                                                             F DUC
                                                                                                               W
                75967
                                        LECT-DISC *F2
                                                                                    2
                                                                                                        М
                                                                                                               lei.
                                                                                                                     F
                                                                                                                                    1
                                                                                                                                            EDUC.
                                        LECT-DISC *F3
                76041
                                                                                     2
                                                                                                       M
                                                                                                                      F
                                                                                                                                            EDUC
                                                                                                               M
                                                                                                                                 166 EDUC
125 D K H
15 D K H
15 D K H
                                                                                                       MTUWTHE
MTUWTHE
                 75860
                                        LECT-DISC *X
LECT-DISC *Y
                                                                                    8
                                                                                                                                                                               WALKER
                75878
                                                                           1
2-4
2
                                                                                                                                                                               WALKER
                75886
                                       LECT-DISC *Z
                                                                                                       M W
                                                                                                                                                                               KUENKE
                                                                                                                                                                               KDENKE
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AUDID-VISUAL COMMUNICATION.
SAME AS EL. ED. AND LIB. S. 354.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
SE ED 354
           3 HOURS, OR 1/2 OR 1 UNIT
           REQUIRES REGISTRATION IN LECTURE AND EITHER LAB A OR LAB B.
                     LECT-DISC
                                                     TU
         76059
                                              4-6
                                                             1 EDUC
25 EDUC
                                                                                             ISAACS
         76.06.7
                     LAB
                                   Δ
                                              4-6
                                                                                              ISAACS
                                                             TH
        76075
                     LAB
                                   В
                                              4-6
                                                                      28 EDUC
                                                                                             ISAACS
                                        COURSES FOR GRADUATES
                CONTINUING EDUCATION.
         1/2 OR 1 UNIT
                    LECT-DISC
                                            4-6
                                                                      33 EDUC
                                                                                            HEMP
         76083
          INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE
SF FD 449
           DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
           *MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL
           CONSENT OF THE DEAN.
           *1/2 OR 1 UNIT
        76091
                    CONF
SE ED 456
                PROBLEMS AND TRENDS IN SPECIALIZED FIELDS OF
                 SECONDARY EDUCATION.
           1 UNIT
           *SECTION A IS FOR ENGLISH. SECTION C IS FOR MATHEMATICS. SECTION D IS FOR SCIENCE. SECTION E IS FOR SOCIAL STUDIES, AND
           SECTION G IS FOR MUSIC.
                                                                                            ERICKSON
                   LECT-DISC *A
LECT-DISC *C
        76105
                                             4-6
                                                                      25
                                                                            EDUC
                                           430-630
        76113
                                                                     130
                                                                            COM W
                                                                                             HENDERSON
                     LECT-DISC *D
LECT-DISC *E
                                             4-6
        76121
                                                            TH
                                                                      40
                                                                            COM W
                                                                                            BROWN
        76130
                                            630-830PM M
                                                                       1
                                                                            EDUC
                                                                                             METCALF
                                                                                            COLWELL
                     LECT-DISC *G
                                                            TH
        76148
                                            8-10
                                                                      1
                                                                           EDUC
                WORKSHOP IN CURRICULUM DEVELOPMENT.
SE ED 459
          1/2 TO 2 UNITS
          *SECTION & IS RESERVED FOR MASTERS OVERSEAS OPTION, MATHEMATICS,
1 UNIT. SECTION B IS RESERVED FOR MASTERS OVERSEAS OPTION, SCIENCE,
           1 UNIT.
           *SECTIONS C & D ARE FOR COMPUTER-ASSISTED INSTRUCTION, 1 UNIT.
                                        ARR
        76156
                    LECT-DISC *A
LECT-DISC *B
LECT-DISC *C
                                                                                             TRAVERS
        76164
                                          ARR
                                                                                             BROWN
                                           3-5
                                                        TU
                                                                      28 COM W
28 COM W
        76172
                                                                                             HICKS
        76181
                     LECT-DISC *D
                                             3-5
                                                            TH
                                                                                             HICKS
                SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
SE ED 490
          OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN SECONDARY AND CONTINUING EDUCATION.
           *MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
           *0 TO 1 UNIT
           *SECTION A IS FOR ENGLISH, SECTION B IS FOR FOREIGN LANGUAGE,
          SECTION C IS FOR MATHEMATICS, SECTION D IS FOR SCIENCE, SECTION E IS FOR SOCIAL STUDIES, AND SECTION H IS FOR HIGHER EDUCATION—SECTION J IS FOR MUSIC., AND SECTION I IS FOR HIGHER EDUCATION—SECTION J IS FOR MUSIC.
          HIGHER EDUCATION.
                     LECT-DISC *A
        76199
                                                         TH
                                                                      33 EDUC
                                                                                             WALKER
                                             4-6
                            *B
                                          ARR
        76202
                     CONF
                                                                                             KAULFERS
        76211
                     CONF
                                          ARR
                                                                                             PINGRY
                     LECT-DISC *D
LECT-DISC *E
                                          4-6
4-6
                                                                     6 COM W
143 ARMORY
        76229
                                                        TU
                                                                                              BURNETT
        76237
                                                        TU
                                                                                              JOHNSON
                    LECT-DISC H
                                          ARR
        76245
                                                                                              BROUDY
        76253
                     LECT-DISC
                                  I
                                          ARR
                                                                                             O'BANION
                     LECT-DISC J
                                                                                             LEONHARD
        76261
                                             4-6
                                                                     33 EDUC
                                                                                             COLWELL
SE ED 491
             FIELD STUDY AND THESIS SEMINAR.
          LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
          1 TO 2 UNITS
        76270
                    LECT-DISC
                                             4-6
                                                                    166 EDUC
                                                                                            BURNETT
```

ARR

SE ED 499

THESIS RESEARCH.

0 TO 4 UNITS 76288 CONF

## SERBO-CROATIAN

#### SLAVIC LANGUAGES AND LITERATURES DEPARTMENT OFFICE 260 L H

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

393 READINGS IN SERBO-CROATIAN LITERATURE. S CR PREREQUISITE: S. CR. 392 OR CONSENT OF DEPARTMENT.
3 HOURS OR 3/4 UNIT 76296 LECT-DISC X 9 G H DUNATON

# SLAVIC

#### SLAVIC LANGUAGES AND LITERATURES 260 I H DEPARTMENT OFFICE

## COURSES FOR UNDERGRADUATES

SLAV UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS 76300 CONF

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SLAV 382 LANGUAGE LABORATORY TECHNIQUES. SAME AS FR., GER., AND SPAN. 382.
PREREQUISITE: THREE YEARS OF MODERN FOREIGN LANGUAGE AT THE COLLEGE LEVEL, OR THE EQUIVALENT. 2 HOURS OR 1/2 UNIT LECT-DISC TU TH 236 L H 76318 STAFE 3

# COURSES FOR GRADUATES

SLAV 405 OL 1 UNIT 76326 LECT-DISC FG 220-335 TU TH C DAWSON 261 L H SLAV 431 COMPARATIVE SLAVIC LITERATURE. SAME AS C. LIT. 431.

1 UNIT 76334 220-335 TU TH 305 G H LECT-DISC B I. IRTRARNE

COMPARATIVE SLAVIC MORPHOLOGY. SLAV PREREQUISITE: SLAV. 460. 1 UNIT 76342 LECT-DISC

OLD CHURCH SLAVONIC.

I INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN RUSSIAN. SLAV 491 1/4 TO 2 UNITS \*SECTION A TOPIC: RUSSIAN LITERATURE. \*SECTION B TOPIC: SLAVIC LINGUISTICS.
\*SECTION C TOPIC: POLISH LITERATURE, (3/4 UNIT).
\*SECTION D TOPIC: RUSSIAN CULTURE, (3/4 UNIT). \*SECTION E TOPIC: CZECH LITERATURE, (3/4 UNIT).

\*SECTION F TOPIC: SERBO-CROATIAN LITERATURE, (3/4 UNIT).

\*SECTION G TOPIC: UKRAINIAN LITERATURE, (3/4 UNIT). CONF 76351 \*A ARR CONF 76369 \* R ARR

F. GLADNEY 76377 CONF \*C 76385 CONF \*D 76393 CONF \*E 76407 CONF F 76415 CONF G ARR L. IRIBARNE ARR ARR ARR ARR S. HILL V. KOSTUN R. DUNATOV K. KLEIN

#### COCTAL SCIENCES

THE DIVISION OF SOCIAL SCIENCES SPONSORS THE FOLLOWING PROGRAMS: (I) AN UNDERGRADUATE MINOR IN LATIN AMERICAN STUDIES; (2) A GRADUATE MINOR IN LATIN AMERICAN STUDIES; (3) AN UNDERGRADUATE MAJOR AND MINOR IN RUSSIAN AREA STUDIES; (4) A GRADUATE MINOR IN RUSSIAN AREA STUDIES: (5) A GRADUATE PROGRAM LEADING TO THE DEGREE RUSSIAN AREA SIDULES; (5) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE SOCIAL SCIENCES; (6) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE TEACHING OF SOCIAL STUDIES; (7) A GRADUATE MAJOR AND MINOR AND UNDERGRADUATE MINOR IN LINGUISTICS: (8) AN UNDERGRADUATE MINOR IN ASIAN STUDIES: (9) A GRADUATE MINDE IN ASIAN STUDIES.

THE DIVISION OF SOCIAL SCIENCES CALLS TO THE ATTENTION OF STUDENTS THE OFFERINGS IN THE GENERAL FIELD OF INTERNATIONAL AFFAIRS AND OF NON-WESTERN AREAS FOUND AT THE UNIVERSITY OF ILLINDIS. THE DIVI-SION RECOMMENDS THAT THE STUDENT INTERESTED IN INTERNATIONAL AFFAIRS AND NON-MESTERN AREAS CONSULT MITH THE ADVISCE IN HIS MA-JOR DEPARTMENT OR WITH THE CENTERS FOR ASIAN, LATIN AMERICAN, AND RUSSIAN LANGUAGE AND AREA STUDIES CONCERNING THE POSSIBILIATY OF TAKING COURSES IN THESE SUBJECTS, EITHER AS PART OF A MINOR OR SPLIT MINOR, OR AS ELECTIVES.

ENTRANCE EXAMINATIONS FOR THE FOREIGN SERVICE OF THE UNITED STATES.
STUDENTS INTERESTED IN PREPARING FOR THESE EXAMINATIONS ARE URGED. TO CONSULT WITH THE GOVERNMENT PLACEMENT CONSULTANT OF THE UNIVERSITY PLACEMENT SYSTEM, WHO MAY BE SEEN AT THE INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS, 1201 WEST NEVADA STREET.

## SOCIAL WORK

## DEPARTMENT OFFICE

1207 W DREGON

UNDERGRADUATE MAJOR: THE CCOPERATIVE INTERDEPARTMENTAL MAJOR AND MINOR IN SOCIAL WELFARE INCLUDES COMPLETION OF A COURSE IN STATISTICS OR NON-STATISTICAL RESEARCH METHODOLOGY: AT LEAST TWELVE STATISTICS OR NON-STATISTICAL RESEARCH METHODOLOGY, AT LEAST TWELVE HOURS OF COURSES IN SOCIAL WORK, AND TWENTY-EIGHT HOURS OF SELECTED COURSE WORK FROM THE FOLLOWING DEPARTMENTS: ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

MINORS: COURSES IN SOCIAL WORK MAY BE COUNTED TOWARD AN UNDERGRADUATE MINOR IN THE DEPARTMENTS OF ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

# COURSES FOR UNDERGRADUATES

SOC & 199 UNDERGRADUATE OPEN SEMINAR.

\*MAY BE REPEATED. \*0 TO 9 HOURS 76431 CONF

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STAFF

# COURSES FOR ADVANCED UNDERGRADUATES

SDC W 225

5 INTRODUCTION TO SOCIAL WELFARE, I.
PREREQUISITE: SOC. 100 OR 151; AND PSYCH. 100 OR 103; OR D. G. S.

171. 3 HOURS

76440 LECT-DISC A LECT-DISC B LECT-DISC C 103 FLOR 103 1207 113 D H 9-1030 TU TH 30-12 TU TH 1030-12 76458 1207 W ORE F 76466 9

ATHERTON HANDLER WATTENBERG INTRODUCTION TO SOCIAL WELFARE, II.

3 HOURS

76474 302 ARCH LEUENBERGER
103 1207 W DRE SMITH
109 N L ATHERTON
B C A ASCOLI TU TH M W F M W F LECT-DISC A 9-1030 TU TH LECT-DISC B 76492 0 LECT-DISC C 76491 10 76504 1.1

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

METHODS OF SOCIAL WORK INTERVENTION.

PREREQUISITE: SOC. W. 220, OR TAKEN CONCURRENTLY.

3 HOURS, OR 1/2 TO 1 UNIT

76512 LECT-DISC A 9 M W F 152 C A

76521 LECT-DISC B 10 M W F 209A D H

76539 LECT-DISC C 1-23C TU TH 103 1207 W ORE KIM SEAMAN MONKMAN

SDC W 316 SOCIAL SERVICES FOR CHILDREN.

PREREQUISITE: SOC. W. 300. OR TAKEN CONCURRENTLY. OR CONSENT OF

INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

76547 LECT-DISC A
LECT-DISC B
LECT-DISC C 9 M W F 130-3 M W 2 M W F 109 N L A SCOL I JOHNSON 76555 8 CA 152 76563

SDC W 318

B SPECIAL PROBLEMS.
PREREQUISITE: CREDIT OR REGISTRATION IN SOC. W. 300 AND CONSENT OF

INSTRUCTOR.

3 HOURS, OR 1/2 TO 1 UNIT
76571 CONF A ARR
76580 CONF B ARR

HENDERSON

CHILEDIA

INTRODUCTION TO SOCIAL GROUP WORK.

PREREQUISITE: JUNIOR STANDING WITH INTRODUCTORY COURSES IN SOCIOLOGY, PSYCHOLOGY, SOCIAL SCIENCES.

76598

2 HOURS OR 1/2 UNIT 598 LECT-DISC A 1-3 M 601 LECT-DISC B 1-3 T M 162 N L TU 111 G H PLATH LEUENBERGER 76601

# COURSES FOR GRADUATES

TO BE ADMITTED TO GRADUATE STUDY IN SOCIAL WORK STUDENTS MUST HAVE HAD AT LEAST TWENTY SEMESTER HOURS IN THE SOCIAL SCIENCES, PREFERABLY INCLUDING COURSEWORK IN SOCIAL ANTHROPOLOGY, ECONOMICS, PREFERBLE INCLUDING COURSEMORK IN SOCIAL ANIHOLOGY, ECONOMIC HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK OR SOCIAL WELFARE, AND SOCIOLOGY. COMPLETION OF A COURSE IN STATISTICS AND/OR RESEARCH METHODOLOGY IS RECOMMENDED.

SOC W 420 COMPARATIVE APPROACHES IN COMMUNITY ORGANIZATION PRACTICE-PREREQUISITE: CREDIT OR REGISTRATION IN SOC. W. 421 OR CONSENT

OF INSTRUCTOR.

1/2 TO 2 UNITS

76610 LECT-DISC A 9-1030 M W 103 1207 W ORE 76628 LECT-DISC B 1-230 M W 103 1207 W ORE HENDERSON PANITCH

SOC W 422 A COMPARATIVE ANALYSIS OF APPROACHES IN CASEWORK. PREREQUISITE: SOC. W. 421, 451, OR CONSENT OF INSTRUCTOR. 1/2 TO 1 1/2 UNITS

76636 LECT-DISC A 9-1030 TU TH 103 1207 W ORE 76644 LECT-DISC B 1030-12 M W 103 1207 W ORE MONKMAN

COMPARATIVE APPROACHES TO SOCIAL GROUP WORK PRACTICE.
PREREQUISITE: SOC. W. 421 AND 425, OR CONSENT OF INSTRUCTOR.
1/2 TO 1 1/2 UNITS
76652 LECT-DISC A 9-1030 M W 133 1207 W

133 1207 W ORE EUSTER

SOCIAL PLANNING AND ADMINISTRATION.

1/2 TO 1 UNIT

76661 LECT-DISC A 1030-12 M W 133 1207 W ORE ANDERSON

SOC W 428 SEMINAR ON A COMPARATIVE ANALYSIS OF SELECTED MODELS OF FAMILY THERAPY.
PREREQUISITE: SOC. W. 421 AND CONSENT OF INSTRUCTOR.
1/2 TO 1 1/2 UNITS 76679 LECT-DISC ADD VATTANO SEMINAR IN METHODS OF INTERVENTION WITH LOW-INCOME FAMILIES. PREREQUISITE: SOC. W. 421 OR EQUIVALENT.
1/2 TO 1 1/2 UNITS 76687 LECT-DISC A 9-1030 TU TH 133 1207 W ORE WATTENBERG PRACTICE SEMINAR, I.

PREREQUISITE: CONSENT OF INSTRUCTOR. SOC W 431 1 UNIT 76695 PRACT ARR STAFF 32 PRACTICE SEMINAR, II.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT PRACT 76709 ARR STAFF SOC W 435 SEMINAR IN STAFF DEVELOPMENT.

PREREQUISITE: SOC. W. 421 AND CONCURRENT REGISTRATION IN ANY ONE
OF THE FOLLOWING: SOC. W. 420, 421, 423, OR 429. 1/2 TO 1 UNIT LECT-DISC 76717 1-23C M W 21 1207 W DRE ANDERSON HUMAN GROWTH AND BEHAVIOR, II. +52 HUMAN GROWTH AND BEHAVIOR, 11.

PREREQUISITE: SOC. W. 451.

1/2 TO 1 1/2 UNITS

76725 LECT-DISC A 1-230 M W 133 1207 W ORE BRIELAND

76733 LECT-DISC B 1030-12 TU TH 133 1207 W ORE KIM SPECIAL STUDIES IN SOCIAL WORK I. 1/2 TO 2 UNITS
7674; CONF A
76750 CONF B COSTIN VATTANO ARR SDC W 462 SPECIAL STUDIES IN SOCIAL WORK II. 1/2 TO 2 UNITS
TIME BY ARRANGEMENT AFTER FIRST MEETING. 76768 CONF A ARR TABER 7 FIELD INSTRUCTION, II.
PREREQUISITE: CONSENT OF INSTRUCTOR. SOC W 467 1/2 TO 1 UNIT 776 PRACT 1 TU 133 1207 W ORE GOULD 1-4 TH 133 1207 W ORE GOULD 1 TU 21 1207 W ORE DOWN!I 1-4 TH 301 S WRIGHT DOWN!I Α 76776 GOULD Α PRACT 76784 DOWNING R 1-4 DOWNING & R STAFF SOC W 468 FIELD INSTRUCTION, III. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 TO 2 UNITS 76792 PRACT STAFF FIELD INSTRUCTION, IV. SDC W 469 PREREQUISITE: SOC. W. 468.
1 TO 2 UNITS A ARR 76806 DOWNING AND PRACT STAFF SOC W 482 SOCIAL SERVICES AND WELFARE POLICY, II.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 1 UNITS LECT-DISC A M W 103 1207 W DRE WEIGANT 76814 230-4 SOC W 484 NATIONAL SOCIAL WELFARE POLICY, I.
PREFEQUISITE: SOC. W. 481 OR CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS 6822 LECT-DISC A

H W

133 1207 W ORE STAFF

230-4

76822

RESEARCH SEMINAR. SEC W 491

PREREQUISITE: CONSENT OF INSTRUCTOR.

O TO 2 UNITS Δ PRACT 76831 9-12 PRACT PRACT PRACT 76849 PRACT R 9-12 1-4 76857 C 1-4 76865 PRACT D

F 103 1207 W ORE F 133 1207 W ORE F 103 1207 W ORE F 133 1207 W ORE

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METHODOLOGICAL ISSUES IN SOCIAL WORK RESEARCH. PREREQUISITE: ONE COURSE IN SOCIAL RESEARCH METHODS.
1/2 TO 1 1/2 UNITS

LECT-DISC

2-330 TU TH 133 1207 W ORE STAFF

#### SOCIOLOGY

## DEPARTMENT DEFICE

342 L H

MAJOR: TWENTY HOURS FROM COURSES IN SOCIOLOGY, EXCLUDING SOCIOLOGY 100, 151, AND 152. SOCIDLOGY MAJORS ARE REQUIRED TO TAKE
SOCIOLOGY 184, 185, 300, AT LEAST ONE COURSE FROM AMONG 201,
212, 320, AND 321 (THE INTERPERSONAL RELATIONS AREA), AND AT LEAST
ONE COURSE FROM AMONG 218, 223, 270, AND 322 (THE SOCIETAL ANALYSIS ARFA1.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, SCIENCE PSYCHOLOGY AND SOCIAL WORK. THE CURSING MINOR.

LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A MINOR.

DEPARTMENTAL DISTINCTION: IN ORDER TO BE AWARDED DISTINCTION IN SUCIDLOGY AT GRADUATION, THE STUDENT MUST (1) HAVE AT LEAST A 4.0 SUCTUBLIGY AT GRADUATION, THE STOCKEN MUST (I) HAVE AT LEAST A 4-0. ALL UNIVERSITY GRADE POINT AVERAGE; (2) MEET THE GENERAL REQUIREMENTS FOR A MAJOR IN SOCIOLOGY; AND (3) IN ADDITION TO THE WORK DONE FOR THE MAJOR, EARN FOUR SEMESTER HOURS OF CREDIT BY ENROLLING IN BOTH OF THE HONORS COURSES (SOC. 290 AND 291).

# COURSES FOR UNDERGRADUATES

100 INTRODUCTION TO SOCIOLOGY . SOC

\*CREDIT IS NOT GIVEN FOR BOTH SOC. 100 AND R. SOC. 117.

\*3 HOURS

EACH STUDENT MUST ELECT ONE QUIZ-LECTURE COMBINATION. QUIZ A 1 8 LECT A 10 F 134 ARMORY 76881 G H ARMORY 112 PORTES QUIZ 76890 A 2 134 A A 3 A A 4 10 G H PORTES L ECT QUIZ LECT QUIZ LECT M W 112 10 10 10 76903 ARMORY 134 M W 112 GH PORTES 76911 F ARMORY 134 LECT M W Δ 10 112 G H PORTES A 5 F 76920 ARMORY 1 134 10 LECT QUIZ LECT QUIZ Δ M W 112 G H PORTES A 6 A ARMORY 76938 2 F 134 10 8 10 A A 7 M W PORTES 112 GH 76946 F 300 LH LECT QUIZ LECT Α M W 112 GH PORTES A 8 76954 9 F 300 L H Α 10 M W 112 GF PORTES 76962 A 9 F QUIZ 11 300 LH LECT 10 112 GH PORTES 76971 F QUIL A10 300 1 I H M W
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TH LECT Δ 10 112 GH PORTES QUIZ A11 76989 10 20.1 F IX 10 1 FCT G H PORTES Δ 112 A12 76997 QUIZ 1 205 E B PORTES LECT Δ 1.0 112 G H B 1 77003 QUI Z LECT 10 209 209 E B 114 D K H B 2 WILEY

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		LECT	В	2	M H	114 D K H	WILEY
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	77046	LECT	8 B 5	2 11	M W TH	114 D K H 134 ARMORY	MILEY
	,,,,,	LECT	8	2	M W	114 DKH	WILEY
	77054	QUIZ	8 6	11	F	340 L H	
	77062	LECT JUIZ	B 7	2 11	M W TH	114 D K H 340 L H	MILEA
	11002	LECT	В	2	M W	340 L H 114 D K H	WILEY
	77071	QUIZ	B 8	1	TH	340 L H	
	77000	LECT	В	2	M W	114 D K H	MILEY
	77089	QUIZ	8 9 B	9	TH M W	340 L H 114 D K H	WILEY
	77297	QUIZ	B10	10	TH	340 L H	
		LECT	В	2	M W	114 DKH	MILEY
	77101	QUIZ LECT	811 B	9	M W F	314 L H 114 D K H	WILEY
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	77194	QUIZ	6	3	M W	134 ARMORY	
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	77313	QUIZ	8.9	2	TU TH	134 ARMORY	
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	77267	2012	14	9	M W	300 L H	
	77275	ZIUQ	15	11	M W	300 L H	
	77283	QUIZ	16	1	M W	300 L H	
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	77348	LECT-DIS		10	M W F	340 L H	10.10
	77330	LECT-DIS		1030-12	TU TH	314 L H	WOELFE
	77356	LECT-DIS	C *82	1030-12	TU TH	314 L H	
SOC		NTRODUCTION		AL STATIST	ICS.		
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					ROPOLOGY OR	GEOGRAPHY.	
	3 HOUR		CAL SCIE	TOCY MITTI	O SEGGI OK	OCOUNAPHT #	
	*SECTI	ONS AT AND				NLY. ALL OTHER	
				ECTIONS A	OR B2. GE	OGRAPHY MAJORS	
	77364	DGRAPHY 185 LECT-DIS		9	4 W F	340 L H	UCHE
	77381	LECT-DIS		9	M W F	340 L H	OGITE
	77372	LECT-DIS	C *81	2	M W F	340 L H	SYNGE
	77399	LECT-DIS	C *B2	2	N W E	340 L H	

190 INDIVIDUAL TOPICS FOR UNDERGRADUATES.
PREREQUISITE: SIX HOURS OF SOCIOLOGY, SOC CONCURRENT REGISTRATION IN ANOTHER SOCIOLOGY COURSE AND CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR A TOTAL OF 4 HOURS. \*1 OR 2 HOURS 77402 CONE STAFF SOC UNDERGRADUATE OPEN SEMINAR. 199 \*MAY BE REPEATED. \*0 TO 9 HOURS SECTION A TOPIC: CONFLICT THEORY AND SOCIAL THEORY.
SECTION B TOPIC: INTRODUCTION TO AFRICAN SOCIETY.

'411 CONF A 10 M F 314 L H

'429 CONF B 1030-12 TU TH 3C0 L H 77411 SOUTHWOOD UCHE 77429 COURSES FOR ADVANCED UNDERGRADUATES SOC POLITICAL SUCIOLOGY. 3 HOURS \*SECTION A1 IS FOR SUCTUDED THANKS STUDENTS MUST ENROLL IN SECTION A2. \*SECTION AT IS FOR SOCIOLOGY MAJORS CNLY. ALL OTHER 77437 LECT-DISC \*AL 11 M W F 77445 LECT-DISC \*A2 11 M W F 114 D K H 114 D K H DRUM B TECHNOLOGY AND SOCIAL CHANGE.
PREREQUISITE: SOC. 100 OR EQUIVALENT. snc 218 3 HOURS \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. 1453 LECT-DISC \*A1 9-1030 TU TH 151 E B 1461 LECT-DISC \*A2 9-1030 TU TH 151 E B 77453 77461 S OL AUN STRATIFICATION AND SOCIAL CLASSES.

PREREQUISITE: THREE HOURS OF SOCIOLOGY OR EIGHT HOURS OF SOCIAL SOC SCIENCE. 3 HOURS \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER TU TH 100 G H TU TH 100 G H LUESCHEN SOC RACIAL AND CULTURAL MINORITIES.
PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING. 3 HOURS \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
7496 LECT-DISC \*A1 3-430 TU TH
7500 LECT-DISC \*A2 3-430 TU TH 77496 213 G H 213 G H WONG 77500 ANALYSIS OF JUVENILE DELINQUENCY.
PREREQUISITE--SOC. 100 DR 151. SOC 231 3 HOURS. \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER \*SECTION AT 15 FOR 50C IDEOG MANAGES

STUDENTS MUST ENROLL IN SECTION A2.

77518 LECT-DISC \*A1 9 M W F 101 ARMORY

77526 LECT-DISC \*A2 9 M W F 101 ARMORY SYNGE SOC VERTEBRATE SOCIAL ORGANIZATION. SAME AS PSYCH AND ZOOL. 246. PREREQUISITE: ONE YEAR OF INTRODUCTORY BIOLOGY. 3 HOURS 77534 LECT 1.0 202 H H SOCIAL ASPECTS OF MASS COMMUNICATIONS.
SAME AS COMM. AND JOURN. 251.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR SOC CONSENT OF THE COLLEGE. 3 HOURS 77542 LECT-DISC F 2 LECT-DISC H 4 M W F 215 G H 215 G H 77551

SOCIOLOGY OF THE CITY. PREREQUISITE: SDC. 100 OR 151, JUNIOR STANDING. JUNIOR STANDING. 3 HOURS \*SECTION AT IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER 106 L H 106 L H PORTES sac RURAL SOCIAL CHANGE. SAME AS R. SOC. 277.
PREREQUISITE: SOC. 100 CR R. SOC. 117. FIELD TRIP, ESTIMATED EXPENSE, \$5. 3 HOURS 1.1 M W F 316N M H SOFRANKO HONORS. SOC PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR. 2 HOURS 7593 CONF &A ARR 77593 STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES TWENTIETH CENTURY SOCIOLOGICAL THEORY. SOC PREREQUISITE: SOC. 100. 3 HOURS OR 1 UNIT \*SECTION A1 IS FOR SCCICLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
77607 LECT-DISC \*A1 2-330 TU TH 196 L H
77615 LECT-DISC \*A2 2-330 TU TH 196 L H JOHNSON soc SOUTH ASIAN SPCIAL ORGANIZATION. PREREQUISITE: SOC. 100, 151, OR CONSENT OF INSTRUCTOR.

3 HOURS, 7R 1/2 OR 1 UNIT

77623 LECT-DISC 8-930 TO TH 300 L H WIEBE 320 SOCIAL ROLES.

PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.

3 HOURS, OR 1/2 OR 1 UNIT

LECT-DISC 2 M W F 314 L H SOC HULETT 328 SOCIOLOGY OF ASIAN RELIGIONS.
PREREQUISITE: SOC. 229 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT SOC 2 M W F 300 L H 77640 LECT-DISC JACOBS COMPARATIVE FAMILY INSTITUTIONS. PREREQUISITE: SOC. 185.
3 HOURS, OR 1/2 OR 1 UNIT
77658 LECT-DISC 9-1030 TU TH 314 L H FARBER 332 RESEARCH METHODS IN SOCIAL PSYCHOLOGY. SOC SAME AS PSYCH. 332.

PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.

4 HOURS, OR 1/2 OR 1 UNIT 151 PSYCH BLDG
23 PSYCH BLDG
151 PSYCH BLDG
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SOC	77704 LAB-DISC	*81 1 *82 8-10 *82 1 *83 8-10 *83 1	TU TH TU TH M W TU TH M W TU TH	151 PSYCH BLDG 23 PSYCH BLDG 151 PSYCH BLDG 21 PSYCH BLDG	
SOC	PREREQUISITE: SDC. 3 HOURS, OR 1/2 OR 77780 LECT-DISC	CIAL STRATIFICAT 100 OR CONSENT OF 1 UNIT 3	ION. FINSTRUCTOR M W F	• 300 L H	JACOB S
SOC	340 SOCIAL MOVEMEN PREREQUISITE: SOC. 3 HOURS, OR 1/2 OR *SECTION ALL IS FOR: STUDENTS MUST ENROL 77798 LECT-DISC. 77801 LECT-DISC.	100 OR 151. 1 UNIT SOCIOLOGY MAJORS L IN SECTION A2.	M W		MITEA
SOC	343 SOCIAL CHANGE SAME AS R. SOC PREREQUISITE: SOC. 3 HOURS, OR 1/2 OR 1 77810 LECT-DISC	100 OR 151 OR EQU 1 UNIT	JIVALENT.	156 ADMIN	KARSH
SOC	351 ADVANCED SOCIA SAME AS PSYCH. PREREQUISITE: PSYCH OR A COMPARABLE STA 3 HOURS, OR 1/2 OR 77828 LECT	351 AND COMM. 3! 201 OR SOC. 201 TISTICS COURSE. 1 UNIT		235 OR SOC. 385 32 PSYCH BLDG	
SOC	359 THE SOCIAL PSY SAME AS PSYCH. PREREQUISITE: PSYCH. 3 HOURS OR 1 UNIT 77836 LECT	. 355 OR SOC. 322	2.	207 PSYCH BLDG	KIMBERLY
SOC	374 PROBLEMS IN HUI SAME AS ANTH., PREREQUISITE: ANTH 369. 4 HOURS OR 1 UNIT *ONE DISC HOUR TO BI 77844 LECT-DISC	GEOG., H. ED., F., GEOG., H. ED.,	PHYSL., SOC	H., V.M.S. 374. ., V.M.S., OR ZOOL	
SOC	386 METHODS OF FIEL SAME AS PSYCH. PREREQUISITE: SOC. 3 HOURS, OR 1/2 OR: *SECTION A1 IS FOR: STUDENTS MUST ENROLI PSYCHOLOGY 386. 77852 LECT-DISC: 77861 LECT-DISC:	386. 184 AND 185, OR F 1 UNIT SOCIOLOGY MAJORS L IN SECTION AZ.	ONLY. ALL		MCPHAIL
SOC	387 SOCIAL STATIST PREREQUISITE: SOC. : 3 HOURS, OR 3/4 OR : 77879 LECT-DISC	385.	M W F	340 L H	SOUTHWOOD
SOC	406 RECENT DEVELOP STATES. PREREQUISITE: SOC. : 1 UNIT 77887 LECT-DISC	MENTS IN SOCIOLOG 300. 4-530			JOHNSON

SOC 332 CONTINUED

SOC	410 CR PR 1 UNIT	OWD BEHAVIOR. EREQUISITE: SOC. 38	6.			
	77895	L ECT-DISC	3-5	W	202 1204 W ORE	MCPHAIL
SOC				SCIENCE S	TATISTICAL RESEARCH.	
	PREREQU TAKEN C	ME AS C. S. AND PSY ISITE: SOC. 387 OR ONCURRENTLY WITH SO	FOUL VALENT	IN STATES	STICS; MAY BE	
	1 UNIT 77909	LECT-DISC R	1-220	ти тн	101 WOODSHOP	DICKMAN
SOC	SA	MINAR ON SOCIAL INT ME AS COMM. 414. ISSITE: ONE UNIT OF		DENIT IN S	OC TOLOGY	
	1 UNIT					
	77917	LECT-DISC	2-4	TU	333 L H	HULETT
SOC	*FOR CR SOC. 41 *1 UNIT	RVEY RESEARCH METHO EDIT THIS COURSE MU 5.	DS, II.	N IN THE S	EMESTER FOLLOWING	
	77925	LAB-DISC	3-5	М	336 L H	ORUM
SOC	PREREQU	MINAR IN THE SOCIOL ISITE: SOC. 317.	OGY OF LAW	•		
	1 UNIT 77933		1-3	М	333 L H	GORECKI
soc	418 SE SA PREREQU	MINAR IN INDUSTRIAL ME AS L.I.R. 418. ISITE: SOC. 318 OR	AND ECGNO	MIC SOCIOL	OGY.	
	1 UNIT 77941	LECT-DISC	10-12		43 L I R	KARSH
SOC	PREREQU ANTHROP	CIAL AND CULTURAL M ISITE: UNDERGRADUAT DLOGY.			SOCIOLOGY OR	
	1 UNIT 77950	FECI-DISC	10-12	Ж	333 L H	KRONUS
SOC		MINAR IN THE SOCIOL ISITE: SOC. 400.	OGY OF REL	IGION.		
	77968	LECT-DISC	10-12	TU	333 L H	WIEBE
SOC	449 TH	E SOCIOLOGY OF SPOR	r.			
	SA	ME AS P. E. 449		V 00 4417110	ORDI OCY THELIDAYS	
	A COURS	ISITE: NINE HOURS OF IN RESEARCH METHO	DS, OR COM	SENT OF IN	ISTRUCTOR.	
	77976	LECT-DISC	1-330	F	207 H G	LUESCHEN
soc	PREREQU	OBLEMS OF SOVIET SO ISITE: CONSENT OF I	CIETY IN T	RANSITION.		
	1 UNIT 77984	LECT-DISC	1-3	W	3,33 L H	GORECKI
200	SA	GANIZATIONAL SCIENC ME AS B. ADM. 411, ISITE: SOC. 456.	ES, II. POL. S. 46	1. AND PSY	CH. 454.	
	1 UNIT 77992	LECT-DISC C	10-12	М	170 COM W	
SOC	476 UR 1 UNIT	BAN COMMUNITIES AND	URBANIZAT	ION.		
	78009	LECT-DISC	10-12	М	21 PSYCH BLDG	CHOLDIN
SOC	480 SO	CIOLOGICAL THEORY A	ND METHOD.			
	1 UNIT 78017	CIOLOGICAL THEORY A	7-9PM	W	336 L H	WOELFEL

cnc THE SAMPLING OF HUMAN POPULATIONS AND SOCIAL ORGANIZATIONS. SAME AS B. ADM. AND PSYCH. 485.

PREREQUISITE: SOC. 387 OR FCON. 371. OR CONSENT OF INSTRUCTOR.

1 UNIT 78025 LECT-DISC E 170 COM W

sor 487

7 SPECIAL PROBLEMS IN RURAL SOCIOLOGY. SAME AS R. SOC. 487. PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY, CONSENT OF INSTRUCTOR.

1/2 OR 1 UNIT

78033 CONE APP

cor INDIVIDUAL TOPICS IN SOCIOLOGY.

1/2 TO 2 UNITS 78041 CONF

STAFF 78050 CONF B ARR STAFF

snr 492 SEMINAR ON MODELS FOR DIRECTED CHANGE.

SAME AS SOC. W. AND U. P. 492.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 TO 1 UNIT

336 L H 78368 LECT-DISC 30-12 TU

CHOLDIN

MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION.
SAME AS ED. PSY. AND PSYCH. 494.
PREREQUISITE: PSYCH. 307 OR ED. PSY. 496, CONSENT OF INSTRUCTOR. sac

1 UNIT

78076 E 13 PSYCH BLDG LECT 10-12

499 THESIS F THESIS RESEARCH. snc

78084 CONE APP STAFF

HOTMAGO

DEPARTMENT DEFICE

224 L H

MAJOR: TWENTY-FOUR HOURS, EXCLUDING 101, 102, 103, 104, 115, AND INCLUDING 211, 212, 221, 222. A MINIMUM OF ONE COURSE MUST BE TAKEN INCLUDING 211, 212, 221, 222, a minimum of one course must be laken FROM EACH OF THE FOLLOWING GROUPS: 1) SPANISH 241, 305, 306; 2) SPANISH 242, 307, 308; 3) SPANISH 309, 311, 314; 4) SPANISH 331, 332; 5) SPANISH 351, 352, LINGUISTICS 300, LINGUISTICS 302. AT LEAST TWO LITERATURE COURSES MUST BE TAKEN AT THE 300 LEVEL.

MINORS: TWENTY HOURS IN NCT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY
SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, AND RUSSIAN.

# COURSES FOR UNDERGRADUATES

ELEMENTARY SPANISH, I. SPAN 101

NO CREDIT TOWARD GRADUATION IS GIVEN FOR SPAN. 101 WITHOUT SPAN. 102.

4 HOURS

ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

LABORATORY SECTIONS T3-T22.

\*ALL STUDENTS ASSIGNED TO 101 ON THE BASIS OF THE PLACEMENT TEST

\*ALL STUDENTS ASSIGNED TO 101 ON THE BASIS OF THE PLACEME MUST REGISTER IN STARRED SECTION. ALL OTHER STUDENTS MUST REGISTER IN NON-STARRED SECTIONS. 78092 LECT-DISC A 8 TUNTHF 108 L H 78106 LECT-DISC B 9 TUNTHF 154 ADMIT 78114 LECT-DISC C 10 TUNTHF 108 L H TUWTHF 108 L H TUWTHF 154 ADMIN

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SPAN 101 CONTINUED
       78122
                LECT-DISC D 11
LECT-DISC *X 12
                                                TUWTHE
                                                            216 L H
       78360
                                               MTUWTH
                                                             4
                                                                 G H
       78131
                  LECT-DISC
                             F
                                                MTUWTH
                                                            108
       78149
                  LECT-DISC
                                                MTUWTH
                                                            154
                                                                 ADMIN
       78157
                  LECT-DISC
                                                MTUWTH
                                                            102
                                                                 LH
                             T 3 8-85
T 4 830-9
9-93
                                        8-830
                                                 TU
       78165
                  LAB
                                                            202
                                                                 LH
       78173
                  LAB
                                                 TU
                                                            202
                                                                 1 H
                                       9-930
                                                 TU
                                                            202
       78181
                  LAB
                                                                 I H
                              T 6
T 7
T 8
                                    930-10
       78190
                  LAB
                                                 TU
                                                            202
                                                                 1 H
                                      10-1030
                                                      F
       78203
                 LAB
                                                 TH
                                                            202
                                                                 I H
                                                      F
                                   1030-11
       78211
                  LAB
                                                 111
                                                                 LH
                              T 9
                                     11-1130
                                                      F
       78220
                  LAB
                                                 TU
                                                            202
                                                                 LH
       78238
                  LAB
                                    1130-12
                                                 TU
                                                      F
                                                            202
                                                                 L
                                                                   н
       78246
                 LAB
                              T11
                                      12-1230
                                                 TU
                                                            202
                                                                 L
                                                                   н
       78254
                  LAB
                              T12
                                    1230-1
                                                 TU
                                                      F
                                                            202
                                                                   Н
                                       1-130
       78262
                 LAB
                              T13
                                                 IU
                                                      F
                                                            202
                                                                 LH
                                     130-2
       78271
                  LAB
                              T14
                                                 TU
                                                      E
                                                            202
                                                                 L H
                                       2-230
                 LAB
                              T15
                                                 TU
                                                            202
       78289
                                                                 Ĺ
       78297
                  LAB
                              T16
                                    230-3
                                                 TU
                                                            202
                                                                 LH
                                       3-330
                              117
                                                            202
       78301
                  LAB
                                                TU
                                                                L H
                             117 3-330

118 330-4

119 4-430

120 430-5

121 5-530

122 530-6
       78319
                  LAB
                                                 TU
                                                            202
                                                                 I H
       78327
                  LAB
                                                 TH
                                                      F
                                                            202
                                                                 LH
                                       30-5
5-530 TU
TU
                                                     F
                                                           202
                                                                L H
       78335
                 LAB
                 LAB
       78343
                 LAB
                                                            202
                                                                 LH
                                                     F
       78351
                                                            202 L H
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SPAN 102

PREREQUISITE: SPAN. 101 OR ONE YEAR OF HIGH SCHOOL SPANISH.

4 HOURS

4 HOURS SECTION 631 IS AN HONORS SECTION, OPEN ONLY TO JAMES SCHOLARS OR TO STUDENTS WHO RECEIVED AN A IN SPANISH 101. ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

LABORATORY SECTIONS M3-M28.

\*STARRED SECTION WILL MEET FIVE HOURS PER WEEK.
ALL NEW AND TRANSFER STUDENTS AS WELL AS ALL STUDENTS ASSIGNED
TO 102 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN THE STARRED SECTION. ALL OTHER STUDENTS MUST REGISTER IN

NON-STA	RRED SECTION	15.				
78378	L ECT-DISC	A1	8	TUWTHE	154	ADMIN
78386	LECT-DISC	A2	8	TUWTHE	170	LH
78769	LECT-DISC	£B1	9	TUWTHE	108	LH
78394	LECT-DISC	B 2	9	TUWTHE	136	ARMORY
78408	LECT-DISC	D1	11	TUWTHE	217	G H
78416	LECT-DISC	D2	11	TUWTHE	151	ARMORY
78751	LECT-DISC	*X1	12	MTUWTHE	154	ADMIN
78424	LECT-DISC	X2	12	MTUWTH	152	ARMORY
78432	LECT-DISC	х3	12	MTUWTH	325	DKH
78441	LECT-DISC	E1	1	MTUWTH	102	L H
78459	LECT-DISC	E 2	1	MITUWTH	224	DKH
78467	LECT-DISC	F1	2	MIUWIH	102	L H
78475	LECT-DISC	F2	2	MIUWIH	154	ADMIN
78483	LECT-DISC	G 1	3	MTUWTH	216	L H
78491	LECT-DISC	G2	3	MITUWIH	170	L H
78505	LECT-DISC	H	4	MTUWTH	230	L H
78513	LAB	M 3	8-830	M W	202	LH
78521	LAB	M 4	830-9	M W	202	L H
78530	LAB	M 5	9-930	M W	202	LH
78548	LAB	M 6	930-10	M W	202	L H
78556	LAB	M 7	10-1030	M W	202	L H
78564	LAB	M 8	1030-11	M W	202	LH
78572	LAB	M 9	11-1130	M W	202	LH
78581	LAB	M10	1130-12	M W	202	LH
78599	LAB	M11	12-1230	M W	202	LB
78602	LAB	M1.2	1230-1	M H	202	L H
78611	LAB	M13	1-130	M W	202	LH
78629	LAB	M14	130-2	M W	202	L H
78637	LAB	M15"	2-230	M W	202	LH
78645	LAB	M16	230-3	M W	202	L H
78553	LAB	M1.7	3-330	M W	202	L H
78661	LAB	M18	330-4	M W	202	LH
78670	LAB	M19	4-430	M W	202	LH
78688	LAB	M20	430-5	M W	202	L H
78696	LAB	M21	5-53C	M W	202	L H
78700	LAB	M22	530-6	M W	202	LH
78718	LAB	M2 5	7-730 PM	M H	202	LH
78726	LAB	M26	730-8PM	M W	202	L H
78734	LAB	M27	8-830PM		202	LH
78742	LAB	M28	830-9PM	H W	202	L H

SPAN 103 INTERMEDIATE SPANISH, I.
PREREQUISITE: SPAN. 102 OR TWO YEARS OF HIGH SCHOOL SPANISH. 4 HOURS ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE

LABURATU	NI SECTIONS	13-120	O 0				
78777	LECT-DISC	Al	В	TUI	WIHE	431	ARMORY
78785	LECT-DISC	A2	8	TUI	NTHE	176	LH
78793	LECT-DISC	X1	12	MTUI	WTH	224	DKH
78807	LECT-DISC	X 2	12	MTU	NTH .	431	ARMORY
78815	LECT-DISC	E	1	MTU	WT H	136	ARMORY
78823	LECT-DISC	F	2	MTU	wTH .	118	L H
78831	LECT-DISC	G	3	MTU	ATH .	108	L Fi
78840	LAB	T 3	8-830	М	TH	202	LH
78858	LAB	T 4	830-9	M	TH	202	LH
78866	LAB	T 5	9-930	M	TH	202	L H
78874	LAB	T 6	930-10	M	TH	202	L H
78882	LAB	T 7	10-1030	H	TH	202	L H
78891	LAB	T 8	1030-11	M	TH	202	LĦ
78904	LAB	T 9	11-1130	M	TH	202	L H
78912	LAB	T10	1130-12	M	TH	202	L H
78921	LAB	T11	12-1230	M	TH	202	LH
78939	LAB	T12	1230~1	M	TH	202	L H
78947	LAB	T13	1-130	M	TH	202	L H
78955	LAB	114	130-2	M	TH	202	LH
78963	LAB	T15	2-230	M	TH	202	L H
78971	LAB	T16	230-3	M	TH	202	L H
78980	LAB	T17	3-330	М	TH	202	LH
78998	LAB	T18	330-4	M	TH	202	LH
79004	LAB	T19	4-430	M	TH	202	L H
79012	LAB	T20	430-5	M	TH	202	L H
79021	LAB	T21	5-530	M	TH	202	L H
79039	LAB	T22	530-6	M	TH	202	L H
79047	LAB	T25	7-730 PM	M	TH	202	L H
79055	LAB	T26	730-8PM	M	TH	202	L H
79063	LAB	T27	8-83CPM	M	TH	202	L H
79071	LAB	T28	830-9PM	M	TH	202	Ł H

SPAN 104

4 INTERMEDIATE SPANISH, II.
PREREQUISITE: SPAN. 103 OR THREE YEARS OF HIGH SCHOOL SPANISH. 4 HOURS

SECTION &B IS AN HONCRS SECTION, OPEN ONLY TO JAMES SCHOLARS OR TO STUDENTS WHO RECEIVED AN A IN SPANISH 103.

STUDENTS	MAY BE REQ	JIRED	TO ATTEND	Α	SPANISH	PLAY OR	FILM.	
79080	LECT-DISC	A	8		TUWTHE	230	LH	
79179	LECT-DISC	٤B	9		TUWTHE	4	G H	
79198	LECT-DISC	C 1	10		TUWTHE	154	ADMIN	
79101	LECT-DISC	C2	10		TUWTHE	152	ARMORY	
79110	LECT-DISC	D	11		TUWTHE	4	G H	
79128	LECT-DISC	X1	12		MTUWTH	136	ARMORY	
79136	LECT-DISC	X2	12		MTUWTH	230	L H	
79144	LFCT-DISC	E	1		MTUWTH	4	G H	
79152	LECI-DISC	F	2		MTUWTH	176	L H	
79161	LECT-DISC	G	3		MITWITH	176	L H	

SPAN 107

7 READINGS IN SPANISH (RE: SPAIN).
PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL
ACHIEVEMENT EQUIVALENT TO SPAN. 103. 3 HOURS

79187 LECT-DISC M W F 137 ARMORY

READINGS IN SPANISH (RE: SPANISH AMERICAN). SPAN 108

PREREQUISITE: SPAN. 107. 3 HOURS

79195 LECT-DISC 1.2 M W F 170 L H

SPAN 111

CONVERSATIONAL SPANISH.

PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL

ACHIEVEMENT EQUIVALENT TO SPAN. 103.

4 HOURS

79209 1 FC T-D I SC 12 MTUWTH 151 ARMORY STAFF

## COURSES FOR ADVANCED UNDERGRADUATES

INTERMEDIATE COMPOSITION AND CONVERSATION, I. SPAN 211 PEQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREDJISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH. 3 HOURS 137 ARMORY 79233

LECT-DISC B 9 M W F LECT-DISC C 10 M W F LFCT-DISC D 11 M W F 102 L H 79241

212 INTERMEDIATE COMPOSITION AND CONVERSATION, II.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 211 OR EQUIVALENT. SPAN 212 3 HOURS

M W F M W F M W F M W F M W F 4 G H 151 ARMORY 431 ARMORY 431 ARMORY LECT-DISC А 79250 9 9 10 11 152 ARMORY 152 ARMORY 217 G H 137 ARMORY 137 ARMORY 1 2

SPAN 214 ADVANCED COMPOSITION AND CONVERSATION, II. PREREQUISITE: SPAN. 213 OR EQUIVALENT.

3 HOURS 79331 LECT-DISC A 8 M W F 151 ARMORY 79349 LECT-DISC D 11 M W F 137 ARMORY

SPAN 215 SPEKEN SPANISH. PECUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 212, SENIOR STANDING.

4 HOURS 79357 LECT-DISC Z1 2-4 MTUWTH 217 G H 79365 LECT-DISC Z2 2-4 MTUWTH 151 ARMORY

SPANISH DRAMA AND POETRY OF THE TWENTIETH CENTURY.

PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH. 3 HOURS 3 HOURS 79373 LECT-DISC B 9 4 W F 102 L H 79381 LECT-DISC D 11 M W F 108 L H

SPAN 222 SPANISH-AMERICAN PROSE FICTION OF THE TWENTIETH CENTURY.
PREREQUISITE: SPAN. 221. 3 HOURS

LECT-DISC B 9
LECT-DISC C 10
LECT-DISC D 11 79390 79403 230 L H E 118 L H 79411

STUDIES IN MODERN SPANISH-AMERICAN LITERATURE. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 3 HOURS

79420 LECT-DISC M W F 152 ARMORY MEEHAN

SPAN 280 TEACHERS COURSE.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR 211 AND 212.

\*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
79438 LECT-DISC \*N 4-530 TU TH 118 L H FLORES

SPAN 292 SENIOR THESIS.
FOR CANDIDATES FOR HUNDRS IN SPANISH. 2 HOURS CONF

79381

EA ARR STAFF 79446

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SPAN 305 ROMANTICISM AND REALISM IN NINETEENTH-CENTURY SPANISH PREREQUISITE: SPAN. 222 OR EQUIVALENT. 3 HOURS OR 1/2 UNIT 79454 LECT-DISC 11 M W F 170 L H LOTT THE GENERATION OF 1898. SPAN 306 PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT 2 M W F 79462 LECT-DISC 431 ARMORY COWES PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT SPAN 310 LECT-DISC 79471 M W F 176 L H 314 SPANISH DRAMA AND POETRY OF THE GOLDEN AGE.
PREREQUISITE: SPAN. 305, 306, 307, OR 308, OR EQUIVALENT.
2 HOURS OR 1/2 UNIT 10 M W 79489 LECT-DISC 230 L H HERSHAERG SPAN 331 LA CULTURA HISPANICA: ESPANA.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT 170 L H 79497 LECT-DISC TU TH FLORES SPAN 332 LA CULTURA HISPANICA: HISPANCAMERICA. REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT \*WILL BE COMPLETED BEFORE THE SIX-WEEK STUDENT-TEACHING PERIOD.
79501 LECT-DISC \*G 3 MTUWTH 230 L H LERNER SPAN 351 PHONETICS . REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT. 2 HOURS OR 1/2 UNIT 79519 LECT-DISC M 9 TU TH 176 L H WANNER SPAN 352 SYNTAX.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH. PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT
1527 LECT-DISC 0 1 T TU TH 176 L H SALTARELLI SPAN 382 LANGUAGE LABORATORY TECHNIQUES SAME AS FR., GER., AND SLAV. 382.
PREREQUISITE: 3 YEARS OF MODERN FOREIGN LANGUAGE AT THE COLLEGE LEVEL, OR THE EQUIVALENT. 2 HOURS OR 1/2 UNIT TU TH 236 L H 79535 LECT-DISC NACHTMANN COURSES FOR GRADUATES READINGS IN SPANISH FOR GRADUATE STUDENTS.
PREREQUISITE: SPAN. 400 OR CONSENT OF INSTRUCTOR. SPAN 401 4 HOURS 79543 LECT-DISC THATHE 102 L H SPAN 411 SPAN 1 UNIT SPANISH LITERATURE IN THE MIDDLE AGES. TU TH 79551 LECT-DISC 170 L H BALDWIN PREREQUISITE: SPAN. 311 AND 314, OR EQUIVALENT. SPAN 415

M W 152 ARMORY

HERSHBERG

1 UNIT 79560 LECT-DISC

CERVANTES -PREREQUISITE: SPAN. 311 AND 314, OR EQUIVALENT. 1 UNIT DETR LECT-DISC 230 L H LERNER 79578 SPAN 422 CONTEMPORARY SPANISH NOVEL AND ESSAY.

1 UNIT
79586 LECT-DISC 11 TU TH 230 L H PASQUARIELLO TU TH SPAN 423 MUDERN SPANISH DRAMA. PIETRANGEL 2 TU TH 429 LIB 79594 LECT-DISC SPAN 425 RENAISSANCE AND BAROQUE POETRY IN SPAIN.
1 UNIT
79608 LECT-DISC 1 TU TH TU TH 230 L H SPAN 434 SPANISH-AMERICAN NOVEL: SOUTH AMERICA.

PREREQUISITE: SPAN. 307, 308, AND 310, OR EQUIVALENT. 1 UNIT 1 M W 431 ARMORY MEEHAN 79616 SEMINAR IN SPANISH-AMERICAN POETRY. PREREQUISITE: SPAN. 431 OR 432. 1 UNIT TU TH 431 ARMORY LECT-DISC 79624 SPAN 436 SEMINAR I'N SPANISH-AMERICAN NOVEL.
SAME AS C. LIT. 462.
PREREQUISITE: SPAN. 433 OR 434. 1 UNIT 10 M W 176 L H LEAL 79632 LECT-DISC 439 THE SPANISH-AMERICAN SHORT STORY.
PREREQUISITE: SPAN. 307. 308, OR 310, OR EQUIVALENT. SPAN 439 1 UNIT 79641 LECT-DISC LEAL 11 M W 118 L H PREREQUISITE: SPAN. 421 OR 422 OR 423 OR 424 OR EQUIVALENT. 1 UNIT TU TH 170 I H 79659 LECT-DISC SPAN 452 SEMINAR IN SPANISH HISTORICAL LINGUISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT
LECT-DISC TU TH 152 ADMIN BLAYLOCK 79667 SPAN 454 OLD SPANISH.
1 UNIT
79675 LECT-DISC 2 TUTH 230 L H BLAYLOCK SPAN 462 INTRODUCTION TO REMANCE LINGUISTICS.
SAME AS LING., FR., ITAL. AND PORT. 462. 1/2 UNIT TU TH 176 L H WANNER 79683 LECT-DISC 1.0 SPAN 491 SPECIAL , 1/2 OR 1 UNIT CONF SPECIAL TOPICS IN SPANISH. STAFF

> ALL EN, BLAY EX FOR STER, KANE LEAL, LOTT PASQUAR IEL PIETRANGEL PRETO-RODA PORQUERAS

ARR

SPAN 419 THESIS RESEARCH. O TO 4 UNITS

79705 CONF

## SPECIAL EDUCATION

DEPARTMENT OFFICE 210 EDUC

# COURSES FOR UNDERGRADUATES

SP ED 117 EXCEPTIONAL CHILDREN. PREREQUISITE: SOPHOMORE STANDING AND/OR PSYCH. 100. 3 HOURS 79713 LECT-DISC M W F 2 EDUC ROCK 9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. SP ED 199 \*0 TO 9 HOURS SECTION B: MANUAL COMMUNICATIONS. ARR CONF CONF 210 EDUC 210 EDUC STAFF BABBINI 79721 ARR 79730 В COURSES FOR ADVANCED UNDERGRADUATES INDEPENDENT STUDY . SP FD 249 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK. THE WG. 2 HOURS CONF 79748 210 FOUC ARR STAFF SP ED 291 THESIS. PREREQUISITE: SENIOR STANDING. 2 HOURS CONF 79756 210 EDUC SP ED 292 THESIS. PREREQUISITE: SENIOR STANDING. 2 HOURS 79764 COME ARR 210 EDUC STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES SP ED 316 THE GIFTED CHILD IN SCHOOL AND SOCIETY. PREREQUISITE: EDPSY. 211 OR 230; CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 TO 1 UNIT
9772 LECT-DISC 4-6 TU 192 EDUC 192 EDUC KARNES, TESKA AND ZEHRBACH SP ED 317 PSYCHO-SOCIAL EDUCATIONAL ASPECTS OF DEAFNESS.
PREREQUISITE: SP. ED. 117 AND PSYCH. 100 OR ED. PSY. 211.
3 HOURS, OR 1/2 TO 1 UNIT 79781 LECT-DISC 3-5 385 EDUC QUIGLEY WORKSHOP AND LABORATORY IN EDUCATION OF EXCEPTIONAL CHILDREN. PREREQUISITE: CONSENT OF INSTRUCTOR. 4 TO 8 HOURS, OR 1 TO 2 UNITS
79799 LECT-DISC B ARR
79802 LECT-DISC E1 9 1005 W NEV 9-12 F 442 1-3 F ARR 4-6 W 192 442 M H NECCO El 192 EDUC LECT-DISC E2 79811 SCHULTZ SP ED 320 SPECIAL EDUCATION OF THE DEAF, II. PREREQUISITE: SP. ED. 319. 5 HOURS, OR 1 TO 2 UNITS \*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. \*1-4 TU TH 6 COM W OFNETLL 79829 LECT-DISC EDUCATION OF DISTURBED AND CONDUCT-PROBLEM CHILDREN. PREREQUISITE: SP. ED. 117 OR EQUIVALENT AND EDPSY. 236, OR EQUIVALENT.

4-6 M

162 EDUC

NECCO

3 HOURS, OR 1/2 TO 1 UNIT

79837

SP ED 322 PSYCHOLOGY AND EDUCATION OF THE MENTALLY HANDICAPPED, I.

PPEREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT

WHILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD. LECT-DISC \*3-5 M W F 442 M H 79845 UHL IR PSYCHOLOGY AND EDUCATION OF THE MENTALLY HANCICAPPED, II. SP ED 323 PREREQUISITE: SENIOR STANDING IN SPECIAL EDUCATION AND CONSENT OF INSTRUCTOR. \*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. 79353 LECT-DISC #1-3 M W F 192 EDUC IORDAN MENTAL AND EDUCATIONAL MEASUREMENT OF EXCEPTIONAL CHILDREN. SP ED 324 4 MENTAL AND EDUCATIONAL MEASUMEMENT OF ENCETTOR.

PREREQUISITE: SP. FO. 117, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT

\*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. 79861 LECT-DISC \*10-12 TU TH 192 EDUC ROCK COURSES FOR GRADUATES SP ED 417 PSYCHO-EDUCATIONAL PROBLEMS OF EXCEPTIONAL CHILDREN. PREREQUISITE: SIXTEEN HOURS OF PSYCHOLOGY AND/OR EDUCATION, OR CONSENT OF INSTRUCTOR. UNIT LECT-DISC 7-QPM M 166 EDUC HENDER SON THE SOCIAL PSYCHOLOGY OF THE HANDICAPPED.
PREREQUISITE: SP. ED. 117 OR 417, AND ED. PSY. 312, OR CONSENT OF INSTRUCTOR. 1 UNIT LECT-DISC B 1-3 W 79888 6 COM W NEWL AND SP ED 444 REMEDIATION OF LEARNING DISABILITIES. PREREQUISITE: SP. ED. 3188 AND 419. 1 UNIT 1 UNIT 79396 PRACT \*ARR 11 1005 W NEV CHALFANT SP ED 449 INDEPENDENT STUDY.

PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRICE TO ENROLLMENT. \*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN. \*1/2 OR 1 UNIT 79900 CONF ARR STAFF PROBLEMS AND TRENDS IN SPECIAL EDUCATION. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 TU 2 UNITS 79918 LECT+DISC G ARR COL WCLFE SCHOOL KARNES, TEA AND ZEHRBA SP ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT. 1 TO 2 UNITS 1 TO 2 UNITS
79926 LECT-DISC E 7-9PM W 189 EDUC
79934 LECT-DISC G ARR COL WOLFE SCHOOL SCHULTZ KARNES, TEA 79934 AND ZEHRBA SP ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION. OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY. 1 TO 2 UNITS 1 TO 2 UNITS 79942 LECT-DISC A 10-12 TU 79951 LECT-DISC H 7-9PM TU 6 COM W SALVIA SP ED 491 FIELD STUDY AND THESIS SEMINAR.

LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY. 1 TO 2 UNITS STAFF CONF 210 FDUC SP ED 499 THESIS RESEARCH.
0 TO 4 UNITS
79977 CONF ARR

210 EDUC STAFF

MAJOR: TWENTY HOURS IN SPEECH IN ADDITION TO SPCH. 101, 105, AND 141. AT LEAST FIVE OF THE TWENTY HOURS MUST BE IN COURSES NUMBERED 300 OR HIGHER; SPCH. 301 MUST BE INCLUDED. IN DECLARING A MAJOR IN SPEECH THE STUDENT MAY CHOOSE ONE OF THESE AREAS FOR EMPHASIS: GENERAL SPEECH, PUBLIC ADDRESS, INTERPRETATION, THEATRE ART, SPEECH SCIENCE AND PHONETICS, SPEECH CORRECTION AND AUDIOLOGY. THE STUDENT SHOULD REPORT TO 133 INCOLN HALL TO BE ASSIGNED AN AREA ADVISER WITH WHOM HE MAY CONFER CONCERNING REQUIRED AND RECOMMENDED COURSES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED WITH THE APPROVAL OF THE STUDENT'S MAJOR ADVISER AND HIS DEPARTMENT HEAD. IF TWO MINOR SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE INCLUDED IN EACH. A MINOR PROGRAM IN ENGLISH MAY NOT INCLUDE MORE THAN THREE HOURS IN LITERATURE COURSES OPEN TO FRESHMEN AND SOPHOMORES AND MAY NOT INCLUDE RHET. 101, 102, 151, 271, AND 272. NO LANGUAGE COURSES MAY SATISFY THE MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THE LANGUAGE DEPARTMENTS.

NOTE: TWO TEACHER-TRAINING CURRICULA ARE OFFERED IN SPEECH. SEE THE CURRICULUM PREPARATORY TO SPEECH CORRECTION WORK AND THE CURRICULUM PREPARATORY TO THE TEACHING OF SPEECH.

LIMITED PARTICIPATION AS A SUBJECT IN LABORATORY OR CLASSROOM EXPERIMENTS MAY BE INCLUDED AS A PARTIAL REQUIREMENT IN 100 AND 200 LEVEL COURSES.

### COURSES FOR UNDERGRADUATES

PCH 101 PRINCIPLES OF EFFECTIVE SPEAKING. 3 HOURS

\*SECTION &F IS RESERVED FOR SUPERIOR STUDENTS INCLUDING JAMES SCHOLARS-

79985	LECT-DISC	Al	8	M	W	F	330	ARMORY
79993	LECT-DISC	A2	8	M	W	F	130	LH
80001	LECT-DISC	81	9	M	W	F	330	ARMORY
80010	LECT-DISC	82	9	M	W	F	429	ARMORY
80028	LECT-DISC	B3	9	M	W	F	130	L H
80036	LECT-DISC	84	9	M	W	F	132	L H
80044	LECT-DISC	B5	9	М	W	F	242	MEB
80052	LECT-DISC	Cl	10	阿	W	F	330	ARMORY
80061	LECT-DISC	C2	10	M	W	F	429	ARMORY
80079	LECT-DISC	C 3	10	M	W	F	130 -	LH
60087	LECT-DISC	C4	10	M	W	F	27	PSYCH BLDG
80095	LECT-DISC	C5	10	M	W	F	242	MEB
80109	LECT-DISC	Dl	11	M	W	F	330	ARMORY
80117	LECT-DISC	D2	11	M	W	F	429	ARMORY
80125	LECT-DISC	D3	11	8	W	F	130	L H
80133	LECT-DISC	D4	11	M	W	F	27	PSYCH BLDG
80141	LECT-DISC	D5	11	M	W	F	242	M E B
80150	LECT-DISC	×1	12	M	W	F	330	ARMORY
80168	LECT-DISC	X2	12	M	W	F	130	L H
80176	LECT-DISC	E1	I	H	W	F	330	ARMORY
80184	LECT-DISC	E 2	1	M	W	F	429	ARMORY
80192	LECT-DISC	E3	1	M	W	F	130	L H
80206	LECT-DISC	E4	1	M	W	F	145	L H
80214	LECT-DISC	E5	1	M	W	F	242	MEB
80419	LECT-DISC	<b>43</b> *	2	M	₩	F	49	LIR
80222	L ECT-DISC	F1	2	M	W	F	242	MEB
80231	LECT-DISC	F2	2	M	W	F	429	ARMORY
80249	LECT-DISC	F3	2	M	W	F	130	L H
80257	LECT-DISC	G 1	3	M	W	F	330	ARMORY
80265	LECT-DISC	G2	3	M	W	F	130	L H
80273	LECT-DISC	Н1	4	H	W	F	330	ARMORY
80281	LECT-DISC	L1	8-930	T	υT	H	330	ARMORY
80290	LECT-DISC	Ml	9-1030	T	U T	Н	130	L H
80303	LECT-DISC	M2	9-1030	T	U T	H	145	L H

CLARK

SPCH	101 CONTI				T., T.,			
	80311	LECT-DISC	M3 N1	9-1030	TU TH	242	M E B	
	80320 80338	LECT-DISC	P1	930-11 1030-12	TU TH	330 130	ARMORY L H	
	80346	L ECT-DISC	P2	1030-12	TU TH	145	LH	
	80354	LECT-DISC	P3	1030-12	TU TH	242	MEB	
	80362	LECT-DISC	P4	11-1230	TU TH	330	ARMORY	
	80371	LECT-DISC	P5	11-1230	TU TH	148		
	80389	LECT-DISC	RI	1230-2	TU TH	330		
	80397	LECT-DISC	R2	1-230	TU TH	130	L H	
	80491		TI	230-4	TU TH	130	LH	
SPCH		ICE AND ARTI	CULAT	ION.				
	2 HOURS							
	80427	LECT	Α	10	TU	66	LIB	PADEN
	80435	LECT	В	9		314	LH	PADEN
	80443	QUIZ	A1	11	TU TH	132	LH	
	80451	2017	A 2	12	TU TH	132	L H	
	80460	2017	A3	1	TU TH	132	LH	
	80478	QUIZ	A 4 A 5	2	TU TH TU TH	132	LH	
	80486 80494	QUIZ	81	10	W F	132	LH	
	80508	QUIZ	82	11	W F	132	LH	
	80516	QUIZ	B3	12	W F	132	LH	
	80524	201Z	84	2	W F	132	LH	
	00324	401 F	0 4	۵		132	LIN	
SPCH	107 PAR	LIAMENTARY	PROCE	DURE.				
J. 011	2 HOURS							
	80532	LECT-DISC	P	11	TU TH	255	ARMORY	MURPHY
	80541	LECT-DISC	R	1-3	TU	300	LH	
SPCH	109 INT	TRODUCTION T	O PHY	SICLOGICAL P	PHONETICS.			
	3 HOURS							
	80559	LECT-DISC		1	M W	304	F H	PADEN
	80567	QUIZ	1	10	F	330	I H	
	80575	QUIZ	2	11	F	3 3 0	I H	
	80583	QUIZ	3	1	F	330	IH	
SPCH		BAL COMMUNI	CATIO	N.				
SPCH	4 HOURS		CAT 10		***	304		
SPCH	4 HOURS 80591	LECT		10	TU	304	L H	
SPCH	4 HOURS 80591 80605	LECT DISC	А	10	M W F	116	L H	
SPCH	4 HOURS 80591 80605 80613	LECT DISC DISC	A C	10 8 10	M W F	116	L H L H	
SPCH	4 HOURS 80591 80605	LECT DISC	А	10	M W F	116	L H	
SPCH	4 HOURS 80591 80605 80613	LECT DISC DISC	A C	10 8 10	M W F	116	L H L H	
	4 HOURS 80591 80605 80613 80621	LECT DISC DISC DISC	A C X	10 8 10 12	M W F	116	L H L H	
SPCH SPCH	4 HOURS 80591 80605 80613 80621	LECT DISC DISC DISC	A C X	10 8 10 12	M W F	116	L H L H	
	4 HOURS 80591 80605 80613 80621	LECT DISC DISC DISC	A C X	10 8 10 12	M W F	116	L H L H	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS	LECT DISC DISC DISC DISC RBAL COMMUNI SITE: SPCH.	A C X	10 8 10 12	M W F	116	L H L H	THOMAS
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630	LECT DISC DISC DISC DISC RBAL COMMUNI SITE: SPCH.	A C X CATION 111.	10 8 10 12	M W F M W F	116	L H L H L H	
	4 HOURS 80591 80605 80613 80621 112 VER PREREQUI 4 HOURS 8063 0 80648	LECT DISC DISC DISC RBAL COMMUNI SITE: SPCH.	A C X CATION 111.	10 8 10 12	M W F M W F TU TU	116 116 116	L H L H L H	THOMAS THOMAS
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656	LECT DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC	A C X CATION 111.	10 8 10 12	M W F M W F TU TU M W F	116 116 116	L H L H L H	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 8063 0 80648 80656 80664	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC	A C X CATION 111.	10 8 10 12	M W F M W F TU TU M W F	116 116 116	L H L H L H AUDITORIUM AUDITORIUM A H ADMIN	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC	A C X CATION 1111.	10 8 10 12	M W F M W F TU TU M W F M W F M W F	116 116 116 116	L H L H L H AUDITORIUM AUDITORIUM A H AOMIN M E B	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 806672 80681	LECT DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC	A C X CATION 111	10 8 10 12	M W F M W F M W F M W F M W F M W F M W F	116 116 116 116	AUDITORIUM AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY	
	4 HOURS 80591 80605 80613 80621 112 VER PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699	LECT DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X C AT ION 111.	10 8 10 12 N.	M W F M W F F M W F F M W F F M W F F M W F	116 116 116 143 148 136 148 140	L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 8063 0 80648 80656 80664 80672 80681 80699 80702	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X C AT ION 1111.	10 8 10 12 N.		116 116 116 143 148 136 148 140 304	L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H L H	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 8063 0 80648 80656 80664 80672 80681 80699 80702 80711	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 111	10 8 10 12 N.		116 116 116 143 148 136 148 140 304 143	L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H L H A H	
	4 HOURS 80591 80605 806013 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699 80702 80711 80729	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 111	10 8 10 12 N.		116 116 116 143 148 136 148 140 304 143 148	L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H L H A H ADMIN	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 806672 80681 80699 80702 80711 80729 80737	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 111.	10 8 10 12 N.		116 116 116 143 148 136 140 304 143 148 136	L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H L H A H ADMIN M E B	
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	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 806672 80681 80699 80702 80711 80729 80737	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 111.	10 8 10 12 10 1 1 8 8 8 8 8 8 9 9		116 116 116 143 148 136 148 140 304 143 148 136 148	AUDITORIUM AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H L H A DMIN M E B ARMORY	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699 80702 80711 80729 80737 80745 80753	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 111	10 8 10 12 N.		116 116 116 143 148 136 148 140 304 143 148 136 148	L H L H L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H	
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	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699 80702 80711 80729 80737 80745 80753 80761 80770 80788	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 1111. 2 A 1 A 2 A 3 A 4 A 5 A 6 B 1 B 2 B 3 B 4 B 5 B 6 C 1 C 2	10 8 10 12 10 1 1 8 8 8 8 8 8 8 9 9 9 9 9		116 116 116 143 148 136 148 140 304 143 148 140 116	L H L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H L H A DMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H A H ADMIN	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699 80702 80711 80729 80737 80745 80753 80761 80770 80788 80796 80800	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 1111.  1 2 A1 A2 A3 A4 A5 A6 B1 B2 B3 B4 B5 B6 C1 C2 C3	10 8 10 12 10 1 1 8 8 8 8 8 8 8 9 9 9 9 9 9		116 116 116 143 148 136 148 140 304 143 148 140 116	L H L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B	
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	4 HOURS 80591 80605 806013 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699 80702 80711 80729 80737 80745 80753 80761 80770 80788 80796 80800 80818	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 111. • I 2 A1 A2 A3 A4 A5 A6 B1 B2 B3 B4 C1 C2 C3 C4 C5	10 8 10 12 10 1 1 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10		116 116 116 143 148 140 304 148 148 140 143 148 148 148 148 148 148 148 148	L H L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H L H A H ADMIN	
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	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699 80702 80711 80729 80737 80745 80753 80761 80770 80788 80796 80800 80818 80826 80834	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 1111. 111. 2 A 1 A 2 A 3 A 4 A 5 A 6 B 1 B 2 B 3 B 4 B 5 B 6 C 1 C 2 C 3 C 4 C 5 C 6 D 1	10 8 10 12 10 1 1 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10		116 116 116 143 148 136 148 140 143 148 140 143 148 136 148 136 148 140	L H L H L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H A H ADMIN	
	4 HOURS 80591 80605 80613 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699 80702 80711 80729 80737 80745 80753 80761 80770 80788 80796 80800 80818 80826 80834 30842	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X CATION 111	10 8 10 12 10 1 1 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9		116 116 116 143 148 136 148 140 116 143 148 140 304 143 148 140 304 148 148 148 148 148 148 148	L H L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H A H ADMIN	
	4 HOURS 80591 80605 806013 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699 80702 80711 80729 80737 80745 80753 80761 80770 80788 80796 80800 80818 80826 80834 30842 80851	LECT DISC DISC DISC  RBAL COMMUNI SITE: SPCH.  LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 1111.  I 2 A1 A2 A3 A4 A5 A6 B1 B2 B3 B4 B5 B6 C1 C2 C3 C4 C5 C6 D1 D2 D3	10 8 10 12 10 1 1 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10		116 116 116 143 148 140 304 143 148 140 143 148 140 300 143 148 148	L H L H L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H N L A H ADMIN M E B	
	4 HOURS 80591 80605 806013 80621 112 VEF PREREQUI 4 HOURS 80630 80648 80656 80664 80672 80681 80699 80702 80711 80729 80737 80745 80753 80761 80770 80788 80770 80788 80796 80800 80818 80826 80834 30842 80851 80869	LECT DISC DISC DISC  SITE: SPCH.  LECT LECT LECT DISC DISC DISC DISC DISC DISC DISC DISC	A C X X CATION 111. • I 2 A1 A2 A3 A4 A5 A6 B1 B2 B3 B4 C1 C2 C3 C4 C5 C6 D1 D2 D3 D4	10 8 10 12 10 1 1 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10		116 116 116 143 148 140 304 143 148 146 148 146 143 148 136 148 148 140 300 143 148	L H L H L H L H L H L H AUDITORIUM AUDITORIUM A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H L H A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY L H A H ADMIN M E B ARMORY	

SPCH	112 CONTI	NUED							
	80907	DISC	X2			F	148		
	80915	DISC	Х3			F		M E B	
	80923	DISC	X4		M W		148	ARMORY	
	80931 80940	DISC	X 5 X 6		M W		304		
	80958	DISC	E1		M W		143		
	80766	DISC	E2		M W		148	ADMIN	
	80974	DISC	E3	1	M W	F	136	MEB	
	80982	DISC	E 4		M W			ARMORY	
	80991	DISC	E5		M W		140		
	81007 81287	D13C	Ε6 &F 1		M W	F	116 143		
	81015	DISC	F2		M W			ADMIN	
	81023	DISC	F3		M W			M E 8	
	81031	DISC	F4		M W			ARMORY	
	81 04 0	DISC	F5		M W		140		
	81258	DISC	F6		M W		116 143		
	81066 81074	DISC	G1 G2		M W			ADMIN	
	81082	DISC	G 3		M W			MEB	
	81091		G4		M W		148	ARMORY	
	81104	DISC	G5		M W		140		
	81112	DISC	H1		M W		143		
	81121	DISC	H2 L1	9-030	M W		148	ADMIN A H	
	81139 81147	DISC	L2	8-930 8-930	TUT	Н		ADMIN	
	81155	DISC	M1	9-1030	TU T	Н		M E B	
	81163	DISC	M2	9-1030	TU T	'H	148	ARMORY	
	81171	DISC		930-11			143		
	81180			930-11	TUT			ADMIN M E B	
	81198 81201	DISC		1030-12 1030-12	TUT			ARMORY	
	81210		R1	1-230			143		
	81228		R2	1-230	TU T		_	ADMIN	
	81236	DISC	R3	1-23C 2-330	TU T	H		ARMORY	
	81244	DISC	S1					MEB	
	81252			230-4	TU T		143	AH	
	81261 81279	DISC	T2 U1	230-4 330-5	TILT			M E B	
SPCH	THE HEAD	OF THE DEP STUDENTS,	MORE ST ARTMENT	ANDING. E	Y PERM	E MAY	N OF	AIVED FOR	
	81295	LECT-DISC	В	9	M W	F	262	ARMORY	SHADOW
	81309	LECT-DISC	C		M W		145		MURPHY
	81317	LECT-DISC			TU			ARMORY	ARMOLD
	81 32 5	LECT-DISC	M S	9 2-330		H		ARMORY ARMORY	DELIA
	01 72 7	2201 2130	3	2 750	, , ,		202		
	HEAD OF STUDENTS 3 HOURS 81333 81341	SITE: SPCH. THE DEPARTM , INCLUDING	101 , S ENT THE JAMES	OPHOMORE S PREREQUES	TANDIN ITE MA M W M W	IG. B	Y PER WAIVE 49 255	MISSION OF THE D FOR SUPERIOR I. I R ARMORY	HAYES CL ARK
	81350	LECT-DISC	D	11	M W	F	49	LIR	WENZEL
SPCH	3 HOURS *SECTION SCHOLARS 81368 81376 81384 81392 81406 81414 81422 81431 81449 81457	LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC LECT-DISC	Al Bl B2 C1 C2 D1 X1 X2 E1 E2	8 9 9 10 10 11 12 12 1	M W W W W W W W W W W W W W W W W W W W	F	255 255 392 315 392 262 262 255 262 255	ARMORY ARMORY L H G H L H ARMORY ARMORY ARMORY ARMORY ARMORY ARMORY	
	81520 81465	LECT-DISC		2	M W	F	315 221	G H G H	
	0.107	2201 0130					- L A		

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141 CONTINUED
141 CONTINUED
142 CONTINUED
143 LECT-DISC M1 830-10 TU TH 255 ARMORY
14481 LECT-DISC M2 9 TU 49 L I R
14490 LECT-DISC 01 12-13C TU TH 49 L I R
151503 LECT-DISC 02 12-13C TU TH 262 ARMORY
151511 LECT-DISC S1 130-3 TU TH 49 L I R
                GROUP ORAL INTERPRETATION OF LITERATURE.
          PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.
            2 HOURS
                        LECT-DISC
                                                               TU TH
                                                                             262 ARMORY
                                                                                                         GOLDEN
                                                   11
SPCH 157
                   ELEMENTS OF STAGECRAFT.
SAME AS THEAT. 120.
            4 HTIRS
         *SECTION AT IS FOR TEACHING OF SPEECH MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION AZ. THEARTE MAJORS SEE THEAT. 120.
81546 LECT-DISC *AI 1-3 TU TH DRAMA RHRSL KRAN COLWIN
86349 LECT-DISC *AZ 1-3 TU TH DRAMA RHRSL KRAN COLWIN
SPCH 161
                  FUNDAMENTALS OF ACTING.
                   SAME AS THEAT. 170
            3 HOURS
            *ALL OF THE #1 SECTIONS ARE FOR TEACHING OF SPEECH MAJORS ONLY.
            ALL OTHER STUDENTS MUST ENROLL IN THE #2 SECTIONS. THEATRE MAJORS
            SEE THEAT. 170.
                                                                               160 ARMORY
160 ARMORY
160 ARMORY
                       LECT-DISC *B1
                                                                                                           JANECEK
                                       ≠B 1
                                                   1)
                                                               M
                        LECT-DISC *B2
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                        LECT-DISC *B1
          81562
                                                    9
                                                                               160
                                                                                                           JANECEK
                                                                             160 ARMORY
                                       #81
                                                  10
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#C2
#C2
#C2
#C3
#B1
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LECT-DISC #B1
#E2
LECT-DISC #B1
LECT-DISC #B1
LECT-DISC #B1
#P3
LECT-DISC
          86365
                        LECT-DISC *C2
                                                    Q
                                                                                                           JANECEK
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          81571
                                                                                                           BOWER
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          86373
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          81589
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          86381
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          86390
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                        LECT-DISC *B1
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                                                                                                          BAILEY
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                                                                                     ARMORY
                                                                 TU
                                                                               160
                        LECT-DISC *R2
                                                                 TU TH
                                                                              160 ARMORY
160 ARMORY
         86403
                                                                                                          BAILEY
                                       *R2
                                                                 TII
SPCH 177 THE ARTS OF PUBLIC DISCOURSE.
           4 HOURS
         81619
                        LECT-DISC
                                                                              213 G H
49 L I R
                                                                                                          HAYES
                        QUIZ I
QUIZ 2
QUIZ 3
QUIZ 4
          81627
                                                  10
                                                                 TU
                                                                   TH
          81635
                        SIUC
                                                  10
                                                                               429
                                                                                     ARMORY
                        ZIUC
                                                                                49
                                                                                    LIR
          81643
                                                  11
                                                                    TH
                        ZIUC
                                                                               429
                                                                                     ARMORY
          81651
                                                  11
         81660
                                                                 TU
                                                                              145 L H
145 L H
                                                   1
         81678
                                                                     TH
                        QUI 7
                                       6
                                                    1
SPCH 178 THE ARTS OF THE THEATRE AND INTERPRETATIVE SPEECH.
4 HOURS
         81686
                                                                             L H THEATRE
                        LECT-DISC
                                       E
                                                                                                         TYMCHYSHYN
                       QUIZ 1
QUIZ 2
QUIZ 3
                                                               TU 429 ARMORY
TH 49 L I R
TU 429 ARMORY
TH 429 ARMORY
TH 429 ARMORY
         81694
                                                  11
          81708
                                                  11
                                                  1
         81716
         81724
                        SIUC
           8 FRESHMAN SEMINAR.
PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A
            SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
            3 HOURS
         81732
                       LECT-DISC &C 10 M W F 1205 W OREGON MUELLER
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SPCH 141 CONTINUED

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SPCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS
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A ARR MILLARD 81741 CONE

CHURSES FOR ADVANCED UNDERGRADUATES

SPCH 203 DRAMATICS FOR TEACHERS.
3 HOURS LECT-DISC 11 M W F 81759 160 ARMORY MITCHELL

3 HOURS LECT-DISC 10 M W F 49 L I R 30542 81767

SPCH 207 THE ART OF THE SCREEN: HUMOR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS THE ART OF THE SCREEN: HUMOR. M W 330 ARMORY TH 330 ARMORY 81775 LECT-DISC MUELLER

SPCH 208 SPEFCH AND HEARING PROBLEMS IN THE CLASSROOM. PREREQUISITE: JUNIOR STANDING.
3 HOURS 9 M W F 106 SP CLINIC ERICKSON 81783 LECT-DISC

SPCH 211 BUSINESS AND PROFESSIONAL SPEAKING.
PREREQUISITE: SPCH. 101.

2 HOURS
81791 LECT-DISC M 9 TO TH 262 AKMORY DOYLE
81805 LECT-OISC N 10 TO TH 262 ARMORY DOYLE

SPCH 213 PERSUASION AND THE ARTS.
3 HOURS
81813 LECT-DISC 9 4 W F 145 L H ARMGLD

SPCH 221 ADVANCED PUBLIC SPEAKING: THE PSYCHOLOGICAL BASES OF

DISCOURSE. PREREQUISITE: SPCH. 101 AND JUNIOR STANDING. 3 HOURS 81821 LECT-DISC C 10 81830 LECT-DISC S 2-33C M W F 145 L H NICHOLS TU TH 255 ARMORY ANDERSEN

81830

SPCH 247 TEACHING OF SPEECH.

SAME AS SE. ED. 247.

PREREQUISITE: SENIOR STANDING, 3.5 GRACE AVERAGE. 5 HOURS 81848 LECT-DISC 2-4 MTUWTHF 145 L H INCE

SPCH 248 SPEECH CORRECTION METHODS IN THE SCHOOLS.

SAME AS EL. ED. 248.
PREREQUISITE: SPCH. 388. 3 HOURS 956 LECT-DISC 81856 JOHNSON

10-12 TU TH 106 SP CLINIC 3-5 TH 106 SP CLINIC FUNDAMENTALS OF PLAY DIRECTING.

SPCH 255 SAME AS THEAT. 281.
PREREQUISITE: SPCH. 161 OR THEAT. 176, AND JUNIOR STANDING. 3 HOURS

81864 LECT-DISC B 9 M W STUDIO THTR KRAN 10 M STUDIO THIR KRAN
TU TH STUDIO THIR KRAN
TH STUDIO THIR KRAN В LECT-DISC M TYMCHYSHYN 9 TYMCHYSHYN 10

SPCH 263 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE. SAME AS RHET. 263, R. TV. AND THEAT. 280.
PREREQUISITE: CONSENT OF INSTRUCTOR.

3 HOURS 81881 LECT-DISC E W F A ENSEMBLE KRAN
W A ENSEMBLE KRAN
TU TH A ENSEMBLE KRAN
TU A ENSEMBLE KRAN AULETTA 2 81999 LECT-DISC AULETTA TU

SPCH 291 HONDRS COURSE. PREREQUISITE: SENIOR STANDING, A GRADE-POINT AVERAGE OF 4.0 OR CONSENT OF HEAD OF DEPARTMENT. \*STUDENTS MAY ACCUMULATE 4 HOURS. \*2 HOURS 81902 STAFF SPCH 293 INDIVIDUAL TOPICS.

PREREQUISITE: TEN HOURS OF SPEECH, GRADE-POINT AVERAGE OF 3.75,

CONSENT OF HEAD OF CEPARTMENT.

\*STUDENTS MAY ACCUMULATE 4 HOURS. \*2 HOURS 911 CONF 81911 ARR STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES OI GENERAL PHONETICS.
PREREQUISITE: JUNIOR STANDING. SPCH 301 PREREQUISITE: JUNION STATE

3 HOURS, OR 1/2 OR 1 UNIT

9 LECT-DISC 81929 3 TU TH 304 L H PADEN 330 I H 330 I H ZIUÇ 81937 10 lw. 81945 QUIZ 4 1 W 330 I H 330 I H 81 95 3 QUIZ 5 81961 2017 11 SPCH 308 THE ART OF THE SCPEEN: EXPOSITION AND PERSUASION.
SAME AS COMM. 308.
PREREQUISITE: SPCH. 30 7 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT 331 ARMORY 331 ARMORY 81970 LECT-DISC MUELLER M W 3-5 SPCH 312 AMERICAN PUBLIC ADDIS 3 HOURS, OR 1/2 OR 1 UNIT RI988 LECT-DISC AMERICAN PUBLIC ADDRESS. M W F 121 L H BROADRICK INTERPERSONAL COMMUNICATION: DISCUSSION AND INTERVIEW. SPCH 313 PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
WILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD. 81996 121 L H LECT-DISC ARR INCE THEORIES OF PERSUASION AND RHETORICAL PRACTICE. PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 1/2 OR 1 UNIT
2002 LECT-DISC 1 M W F 49 L 1 MWF 49 LIR 82002 CL ARK RHETORICAL CRITICISM. SPCH 323 PREREQUISITE: CREDIT OR CONCURRENT ENROLLMENT IN SPCH. 311 OR 312 OR 322. 3 HOURS, OR 1/2 OR 1 UNIT 2011 LECT-DISC 2 M W F 262 ARMORY 82011 NICHOLS SPCH 342 ORAL INTERPRETATION OF POETRY.
PREREQUISITE: SPCH. 141.
3 HOURS, OR 1/2 OR 1 UNIT
82029 LECT-DISC 10 M W F 262 ARMORY BURNS CRITICISM OF THE ORAL INTERPRETATION OF LITERATURE.
PREREQUISITE: SPCH. 141, OR GRADUATE STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 82037 2-4 M F 255 ARMORY MACLAY SPCH 345 CONTEMPORARY APPROACHES TO DRAL INTERPRETATION. PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
2045 LECT-DISC 11 M W F 25 11 M W F 255 ARMORY GOL DEN SPCH 352 INTRODUCTION TO MODERN THEATRE ART.

SAME AS THEAT. 352.

3 HOURS, OR 1/2 OR 1 UNIT

82053 LECT-DISC 2 M M W F CONF ROOM KRAN AHART

362 HISTORY OF THE EUROPEAN THEATRE FROM THE RENAISSANCE TO 1900. SAME AS THEAT. 362. 3 HOURS, OR 1/2 OR 1 UNIT 82061 LECT-DISC 9 TU CONFROOM KRAN SPCH 362 9 TU CONF ROOM KRAN 10 TU TH CONF ROOM KRAN BEHR INGER SPC 4 363 ADVANCED DRAMATIC WRITING. ADVANCED DRAMATIC WMITING.
SAME AS R. TV. 363 AND THEAT. 380.

PREREQUISITE: SPCH. 263, CONSENT OF INSTRUCTOR.

\*STUDENTS MAY ACCUMULATE SIX HOURS OR TWO UNITS.

\*3 HOURS, OR 1/2 OR 1 UNIT

\*2070 LECT-DISC 3-6 M C 82070 CONF ROOM KRAN AUI ETTA SPCH 376 SPEECH SCIENCE, II. SAME AS LING. 376. PREREQUISITE: SPCH. 375 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT LECT-DISC M W F 304 L H 82088 7 EMI IN LAB ARR BASIC DIAGNOSTIC AND THERAPEUTIC PRINCIPLES OF SPEECH COPRECTION. SPCH 386 PREREQUISITE: SPCH. 385 AND CREDIT OR REGISTRATION IN 388. 3 HOURS OR 1/2 UNIT LECT-DISC 330 I H JOHNSTON TH 330 SPCH 387 PRACTICUM IN SPEECH DIAGNOSIS AND THERAPY. PREREQUISITE: SPCH. 386, AND 389, A GRADE-POINT AVERAGE OF AT LEAST 3.5 AND CONSENT OF INSTRUCTOR. \*STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH, FOR 3 CREDIT HOURS. \*3 HOURS OR 1/2 UNIT 82100 LECT-DISC 2-4 M W F 106 SP CLINIC JOHNSTON SPCH 388 SPEECH CORRECTION. PREREQUISITE: SPCH. 385.
3 HOURS, OR 1/2 OR 1 UNIT LECT-DISC M W F 82118 9 304 L H STMPSON SPCH 390 COMMUNICATION DISORDERS IN CHILDREN-HABILITATION AND REHABILITATION.

PREREQUISITE: SPCH. 383. SENIOR OR GRADUATE STANDING OR CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 126 LECT-DISC MTUWTH 106 SP CLINIC 82126 В SEMINAR IN DEVELOPMENT AND MEASUREMENT OF SPOKEN LANGUAGE. PREREQUISITE: SPCH. 383 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT 82134 LECT-DISC SHRINER SPCH 393 AURAL REHABILITATION. REQUIRED IN THE CURRICULUM OF TEACHER TRAINING IN SPEECH CORRECTION. PREREQUISITE: SPCH. 391, A GRADE-POINT AVERAGE OF AT LEAST 3.5 AND CONSENT OF INSTRUCTOR.
3 HOURS, JR 1/2 OR 1 UNIT 82142 10 M W F 304 L H NASCA HEARING CONSERVATION. SPCH 394 PREREQUISITE: SPCH. 391 AND 395. 3 HOURS, OR 1/2 OR 1 UNIT 82151 LECT-DISC 7-16 82151 7-10PM M 106 SP CLINIC SPCH 395 AUDIOMETRY. PREREQUISITE: SPCH. 391 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT
\*LABORATORY PERIOD TO BE ARRANGED.

\*11

M W F

304 L H

STARK

LECT-DISC

82169

PRACTICUM IN AUCIOLOGY. SPCH 398 PREREQUISITE: SPCH. 389 AND 393. \*STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH, FOR 3 CREDIT HOURS. \*3 HOURS OR 1/2 UNIT TII 106 SP CLINIC ERICKSON STARK COURSES FOR GRADUATES CONTEMPORARY THEORIES OF ORAL COMMUNICATION. SPCH 430 PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 82185 LECT-DISC 121 L H NEBERGALL SEMINAR IN THEORIES AND PROCEDURES OF DISCUSSION. 436 SE 1 UNIT 82193 LECT-DISC 121 L H MIIDDHY ARR 2 SEMINAR IN ORAL INTERPRETATION.
PREREQUISITE: SPCH. 441, CONSENT OF INSTRUCTOR. SPCH 1 UNIT 7-10PM TU 255 ARMORY MACLAY SPCH 443 SEMINAR IN THE ORAL INTERPRETATION OF INDIVIDUAL LITERARY STYLES. PREREQUISITE: GRADUATE STANDING; SPCH. 344. \*COURSE MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS. \*1 UNIT 82215 LECT-DISC 2-5 255 ARMORY BREEN SPCH 452 PROBLEMS IN PLAY PRODUCTION IN THE EDUCATIONAL THEATRE. SAME AS THEAT. 452. I UNIT 82223 10 M W CONF ROCM KRAN SWANSON LECT-DISC SEMINAR IN THE HISTORY OF ACTING. SAME AS THEAT. 463. SPCH \*STUDENTS MAY ACCUMULATE TWO UNITS. \*1 UNIT 82231 LECT-DISC 11 TU TH CONF ROOM KRAN SPCH 466 THE AMERICAN THEATRE SINCE 1900. SAME AS THEAT. 466. 1 UNIT 11 M W F CONF ROOM KRAN 82240 LECT-DISC HEWLTT SPCH 476 EXPERIMENTAL PHONETICS, II. SAME AS LING. 476. PREREQUISITE: CONSENT OF INSTRUCTOR. 1 UNIT 82258 LECT-DISC 1.1 M W F 324 I H DANILOFE SEMINAR IN NEUROPATHOLOGIES OF SPEECH AND LANGUAGE. SPCH 481 PREREQUISITE: CONSENT OF INSTRUCTOR. \*MAY BE REPEATED FOR A MAXIMUM OF THREE UNITS. \*1 UNIT THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, ONE OR TWO EACH SEMESTER: \*SECTION B: APHASIA. \*SECTION C: CEREBRAL PALSY. LECT-DISC \*C TU TH 82266 7-10PM TU 510 E CHALMERS SIMPSON

PREREQUISITE: SPCH. 388.
1 UNIT 82282 106 SP CLINIC SILVERMAN LECT-DISC 1-3

1-230

SANDERS

116 L H

82274

SEMINAR IN STUTTERING.

```
SPCH 483 PSYCHOLOGY OF SPEECH AND HEARING DISORDERS, I. SAME AS PSYCH. 483.
            PREREQUISITE: CONSENT OF INSTRUCTOR.
            1 UNIT
                                                 10-12
                                                                          324 I H
324 I H
         82291
                      LECT-DISC
                                                                                              DEMARCO
                                                                 TH
                                                                         324
                                                11
           ADVANCED CLINICAL TECHNIQUES IN SPEECH AND HEARING. PREREQUISITE: CONSENT OF INSTRUCTOR.
SPCH 486
            1/2 TO 4 UNITS
            THE FOLLOWING TOPICS ARE OFFERED EACH SEMESTER:
            *SECTION A: THEORY OF CLINICAL PRACTICE.
*SECTION B: SPEECH PATHOLOGY.
            *SECTION C: AUDIOLOGY
            *SECTION D: LANGUAGE DISURDERS.
           *SECTION D: LANGUAGE DISCRDERS.
*SECTION E: FIELD STUDY.
2304 LECT-DISC *A 9-11
2312 LECT-DISC *B ARR
2321 LECT-DISC *C ARR
2339 LECT-DISC *D ARR
2347 LECT-DISC *E ARR
                                                            TH 132 L H
         82304
                                                                                          SANDERS
         82312
         82321
         82339
         82347
SPCH 492
                 ADVANCED AUDIOLOGY.
         PREREQUISITE: SPCH. 395 AND 397.
            1 UNIT
         82355
                      LECT-DISC
                                                3 - 5
                                                          M W
                                                                         324 I H
                                                                                                    STARK
SPCH 495 - SPECIAL PROBLEMS.

PREREQUISITE: CONSENT OF THE HEAD OF THE DEPARTMENT.
            *OPEN TO MASTERS CANDIDATES FOR ONE UNIT, TO DOCTORS CANDIDATES FOR
            ONE OR TWO UNITS.
            *1 OR 2 UNITS
           *I UN Z OVII)*
*SECTION C: ADVANCED STATISTICS.
*SECTION D: PHONETIGE BEHAVIOR.
*SECTION E: LANGUAGE EVALUATION.
*SECTION F: SCALING OR CLINICAL RESEARCH TO MA.
                                           ARR
         82410
                   CONF A
                                                                                                     STAFF
                                                                                                     STAFF
         82428
                                              ARR
                      CONF
CONF
CONF
CONF
CONF
         82371
                                    *C
                                             ARR
                                                                                                     DEMARCO
                                    *D
         82380
                                             ARR
                                                                                                     LOCKE
         82398
                                    *E
                                             ARR
                                                                                                     SHRINER
                                    *F
         82401
                                             ARR
                                                                                                      STI VERMAN
                                    G
H
                                             ARR
         82436
                                                                                                     DOYLE
         82363
                                            ARR
                                                                                                     DELIA
SPCH 499 THESIS RESEARCH.
         O TO 4 UNITS
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INSTRUCTORS: ANDERSEN, BEHRINGER, BROADRICK, BURNS, CLARK,
DANILOFF, HEWITT, INCE, KIM, LOCKE, MACLAY,
MURPHY, NEBERGALL, NICHOLS, O'NEILL, SCOTT,
SHATTUCK, SHRINER, SILVERMAN, STARK, WENZEL,

ZEMLIN

82444 CONF ARR STAFF

# COURSES FOR UNDERGRADUATES

THEAT 100 PRACTICUM, I. PREREQUISITE: CONSENT OF INSTRUCTOR FOR NON-THEATRE MAJORS.
1 TO 3 HOURS 1 TO 3 HUUP'S

\*FIVE HOURS TO BE ARRANGED.

2452 LAB B \*3 W DRAMA RHRSL KRAN

D \*11 TU DRAMA RHRSL KRAN 82452 LAB B \*3 82461 LAB P \*11 KRAFFT 82461 THEATRE: MODERN FORMS. 9 M W F CONFROOM KRAN KRAFFT 10 F CONFROOM KRAN KRAFFT 10 THEAT 102 THEATRE: CONTEMPORARY FORMS. PREREQUISITE: THEAT. 101. 3 HOURS LECT-DISC 82487 11 M W F DRAMA RHRSL KRAN AHART 104 16TH AND 17TH CENTURY FORMS.
PREREQUISITE: THEAT. 101. 3 HOURS
2495 LECT-DISC 82495 1 M W F DRAMA RHRSL KRAN KRAFFT MATERIALS AND PROCESSES: WOODS AND METALS. 2 HOURS \*FIVE HOURS TO BE ARRANGED. 82509 LAB-DISC TU TH SCENE SHOP KRAN WORKS THEAT 113 MATERIALS AND PROCESSES: PAPER AND PLASTICS. 2 HOURS 2 HOURS TO BE ARRANCED.

\*\*\*FOUR HOURS TO BE ARRANCED.

\*\*AR-DISC \*\*10 M W SCENE SHOP KRAN 82517 LAB-DISC LLEWELLYN THEAT 120 ELEMENTS OF STAGECRAFT.
SAME AS SPCH. 157. 4 HOURS \*SECTION 41 15 FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. SPEECH MAJORS SEE SPEECH 157. 82525 LECT-DISC \*A1 1-3 TU TH DRAMA RHRSL KRAN COLWIN 82533 LECT-DISC \*A2 1-3 TU TH DRAMA RHRSL KRAN COLWIN THEAT 121 SCENECRAFT. OPEN TO STUDENTS IN FINE AND APPLIED ARTS ONLY. 2 HOURS \*FOUR HOURS TO BE ARRANGED.

82541 LECT-DISC P \*11 TU TH STUDIO THTR KRAN

82550 LECT-DISC R \*1 TU TH STUDIO THTR KRAN LLEWELLYN WORKS THEAT 131 STAGE LIGHTING AND SOUND EFFECTS.

3 MOURS
82568 LECT-DISC C 10 10 W ORCH RHRSL KRAN
9-11 F STUDIG THTR KRAN
11 TH ORCH RHRSL KRAN
12 TU TH STUDIO THTR KRAN BRADY 82576 LECT-DISC P\* BRADY THEAT 140 COSTUME CONSTRUCTION. 2 HOURS 2 HOURS
THREE HOURS TO BE ARRANGED.

\*2-5 M COSTUME SHP KRAN 82584 MESSMER THEAT 141 MAKEUP FOR THE THEATRE, I. 2 HOURS

AMMONS

\*SECTION AT IS FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.
82592 LAB-DISC \*A1 3-5 TU TH PLAYHS DRES KRAN 82606 LAB-DISC \*A2 3-5 TU TH PLAYHS DRES KRAN

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THEAT 170
            FUNDAMENTALS OF ACTING.
              SAME AS SPCH. 161.
         3 HOURS
          *ALL OF THE #1 SECTIONS ARE FUR THEATRE MAJORS ONLY. ALL OTHER
         STUDENTS MUST ENROLL IN THE #2 SECTIONS. SPEECH MAJORS SEE SPEECH
         161.
       82614
                   LECT-DISC *B1
                                                           160 ARMORY
                                                                                BOWER
                                                                ARMORY
                                                м
                             # R 1
                                      10
                                                            160
                   LECT-DISC *82
                                                                ARMORY
       82673
                                       Q
                                                M
                                                           160
                                                                                BOWER
                                                                ARMORY
                             #R 2
                                      1.0
                                                м
                                                           160
       82622
                   LECT-DISC *C1
                                       9
                                                      E
                                                            160
                                                                ARMORY
                                                                                JANECEK
                                                                ARMORY
                             *C.1
                                      10
                                                  W F
                                                           160
       82681
                   LECT-DISC *C2
                                       9
                                                      F
                                                            160
                                                                                TANECEK
                                                                ARMORY
                             *C2
                                      10
                                                   WF
                                                           160
                             *E1
                                                                ARMORY
       82631
                  LECT-DISC
                                       1
                                                            160
                                                                                JANECEK
                                                                ARMORY
                             *F1
                                       2
                                                   16
                                                            160
                  LECT-DISC *E2
                                               М
                                                           160
                                                                ARMORY
       82690
                                                   W
                                                                                JANECEK
                             *E2
                                                                ARMORY
                                       2
                                                           160
                                                   W
       82649
                  LECT-DISC #11
                                       я
                                                 TU
                                                           160
                                                                ARMORY
                                                                                BATLEY
                                                 TU TH
                                       0
                             *[]
                                                           160
                                                                ARMORY
                  LECT-DISC *L2
                                                                ARMORY
       82703
                                       8
                                                 TU
                                                           160
                                                                                BATLEY
                                                 TU TH
                             *12
                                       Q
                                                           160
                                                                ARMORY
                  LECT-DISC *P1
                                      10
                                                 TU TH
                                                           160
                                                                ARMORY
       82657
                             *P1
                                       11
                                                 TU
                                                            160
                                                                ARMORY
                  LECT-DISC *P2
       82711
                                       10
                                                 TU TH
                                                           160
                                                                ARMORY
                                                                               BIBEE
                             *P2
                                       11
                                                 TU
                                                           160
                                                                ARMORY
                                                 TU TH
       82665
                  LECT-DISC *R1
                                       - 1
                                                           160
                                                                ARMORY
                                                                                BALLEY
                             *R1
                                       2
                                                 TU
                                                           160
                                                                ARMORY
                                                                ARMORY
                  LECT-DISC *R2
                                                 TU TH
                                                           160
       82720
                                       I
                                                                                BALLEY
                             *R2
                                                TU
                                                           160 ARMORY
THEAT 172
              SPEECH FOR THE STAGE: DIALOGUE.
         PREREQUISITE: THEAT. 171.
         2 HOURS
         *SECTIONS NI, QI, AND 81 ARE FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLE IN SECTIONS N2, Q2, AND B2.
                                                         B ENSEMBLE KRAN
                  LECT-DISC *N1 10 TU TH
       82738
                                                                                COLLINS
                             *N1
                                                         B ENSEMBLE KRAN
                                      1.1
                                                  TH
       82762
                  LECT-DISC *N2
                                      10
                                                TU TH
                                                                                COLLINS
                             * N2
                                      11
                                                  TH
                                                         B ENSEMBLE KRAN
       82746
                  LECT-DISC *Q1
                                                 TU TH
                                                          B ENSEMBLE KRAN
                                                                                COLLINS
                                       1
                             *Q1
                                                TU
                                                          B ENSEMBLE KRAN
       82771
                  LECT-DISC *Q2
                                       1
                                                TU TH
                                                          B ENSEMBLE KRAN
                                                                                COLLINS
                                       2
                                                TU
M W F
M W F
                                                          B ENSEMBLE KRAN
                             *Q2
       82754
                  LECT-DISC #B1
                                      12
                                                          CONF ROOM KRAN
                                                                                BIBEE
       82789
                  LECT-DISC *B2
                                                          CONF ROOM KRAN
                                      12
                                                                                BIBEE
THEAT 174
        4 MO
2 HOURS
              MOVEMENT FOR THE STAGE: IMPROVISATION.
         *SECTION AT IS FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS
         MUST ENROLL IN SECTION A2.
                                       3-5 TU TH
       82797 LECT-DISC A1
82801 LECT-DISC A2
                                                       DRAMA RHRSL KRAN HOFSAS
DRAMA RHRSL KRAN HOFSAS
             MOVEMENT FOR THE STAGE: TECHNIQUES.
THEAT 175
        PREREQUISITE: THEAT. 174.
         2 HOURS
       82819
                                       9-11
                                              M W DRAMA RHRSL KRAN
TU TH DRAMA RHRSL KRAN
                 LECT-DISC B
                                                                               FRANKL IN-WHITE
       82827
                                       9-11
                                                                               FRANKLIN-WHITE
THEAT 199 UNDERGRADUATE OPEN SEMINAR.
        *MAY BE REPEATED.
*0 TO 9 HOURS
       82835
                CONF
                                   ARR
                                                                                STAFF
                         COURSES FOR ADVANCED UNDERGRADUATES
          COSTUME DESIGN.
THEAT 241
         PREREQUISITE: THEAT. 140.
         3 HOURS
       82843
                 LAB-DISC
                                      9-11 TU TH DESIGN ROOM KRAN
                                                                              BENSON
         ACTING: STUDIO, 1.
PREREQUISITE: SECOND SEMESTER JUNIOR STANDING IN THE ACTING OPTION
THEAT 271
         OR CONSENT OF THE THEATRE FACULTY.
         3 HOURS
LECT-DISC
```

STUDIO THTR KRAN

STUDIO THER KRAN

COLLINS

1 -4

1-3

82851

ACTING: STYLES FOR PERIOD PLAYS. PREREQUISITE: THEAT. 170 OR 176. 3 HOURS
LECT-DISC M W DRAMA RHRSL KRAN FRANKLIN-WHIT 82860 949 FRANKL IN-WHIT THEAT 280 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE. SAME AS R. TV. 280 AND RHET. AND SPCH. 263.
PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS W F A ENSEMBLE KRAN
W A ENSEMBLE KRAN
TU TH A ENSEMBLE KRAN
TU A ENSEMBLE KRAN AULETTA LECT-DISC F 2 1 2 AULETTA LECT-DISC R D THEAT 281 DIRECTING, I.

SAME AS SPCH. 255.

PREREQUISITE: THEAT. 170 OR 176, AND JUNIOR STANDING. 3 HOURS 9 M W STUCIO THTR KRAN 10 M STUDIO THTR KRAN 9 TU TH STUDIO THTR KRAN 10 TH STUDIO THTR KRAN ARBENZ LECT-DISC B 82894 B TYMCHYSHYN LECT-DISC M 1.0 INDIVIDUAL TOPICS. THEAT 291 PREREQUISITE: CONSENT OF INSTRUCTOR. 2 HOURS CONF STAFF 82916 THEAT 292 INDIVIDUAL
2 HOURS CONF ARR STAFF COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES PRACTICUM, II. PRACTICUM, II.

PREREQUISITE: FOR NON-THEATRE MAJORS; CONSENT OF INSTRUCTOR.

\*MAY BE REPEATED TO A TOTAL OF 12 HOURS OR 2 UNITS

\*I TO 3 HOURS, OR 1/4 TC 1/2 UNIT

\*FIVE HOURS TO BE ARRANGED.

82932 LAB C \*12 TU DRAMA RHRSL KR

82941 LAB P \*11 TH DRAMA RHRSL KR THEAT 300 TU DRAMA RHRSŁ KRAN KRAFFT TH DRAMA RHRSL KRAN KRAFFT 352 INTRODUCTION TO MODERN THEATRE ART. SAME AS SPCH. 352. 3 HOURS, OR 1/2 OR 1 UNIT 82959 LECT-DISC 2 M I THEAT 352 2 M W F CONFROOM KRAN THEAT 354 THEATRE FOR THE CHILD AUDIENCE. PREREQUISITE: CONSENT OF INSTRUCTOR. 3 HOURS, OR 1/2 OR 1 UNIT 11 M W F STUDIO THTR KRAN TYMCHYSHYN 82967 THEAT 362 HISTORY OF THE EUROPEAN THEATRE FROM THE RENAISSANCE TO 1900.

SAME AS SPCH. 362.

3 HOURS, OR 1/2 OR 1 UNIT LECT-DISC 9 TU CONF ROOM KRAN BEHRINGER
10 TU TH CONF ROOM KRAN 82975 THEAT 371 PREREQUISITE: SECOND SEMESTER SENIOR STANDING IN THE ACTING OPTION OR CONSENT OF THE THEATRE FACULTY.

3 HOURS OR 1/2 UNIT
2983 LECT-DISC 2-5 TU STUDIO THTR KRAN ACTING: STUDIO II. 2-5 TU STUDIO THTR KRAN
2-4 TH STUDIO THTR KRAN ARBENZ LECT-DISC 82983 ADVANCED DRAMATIC WRITING. THEAT 380 ADVANCED DRAMATIC WHITING.

SAME AS R. TV. AND SPCH. 363.

PREREQUISITE: THEAT. 280: CONSENT OF INSTRUCTOR.

\*STUDENTS MAY ACCUMULATE SIX HOURS OR TWO UNITS.

\*3 HOURS, OR 1/2 OR 1 UNIT

82991 LECT-DISC 3-6 M CC

408

3-6 M CONF ROOM KRAN

AUL ETTA

### COURSES FOR GRADUATES

52 PROBLEMS IN PLAY PRODUCTION IN THE EDUCATIONAL THEATRE. SAME AS SPCH. 452.
1 UNIT 83008 1 ECT-DISC 10 M W CONF ROOM KRAN SWANSON THEAT 463 SEMINAR IN THE HISTORY OF ACTING. SAME AS SPCH. 463. \*STUDENTS MAY ACCUMULATE 2 UNITS. \*1 UNIT 11 TU TH CONF ROOM KRAN 83016 LECT-DISC ARBENZ THEAT 466 THE AMERICAN THEATRE SINCE 1900. SAME AS SPCH. 466. 1 UNIT 83024 LECT-DISC 11 M W F CONF ROOM KRAN HEWITT THEAT 491 SPECIAL PROBLEMS. 1/2 TO 2 UNITS 83032 CONF ARR STAFF THEORETICAL AND APPLIED MECHANICS DEPARTMENT DEFICE COURSES FOR UNDERGRADUATES ANALYTICAL MECHANICS--STATICS.

PREREQUISITE: PHYCS. 101 OR 106 OR D. G. S. 141 AND REGISTRATION IN T A M 150 MATH. 142 OR 143. 2 HOURS LECT-DISC L
LECT-DISC M
LECT-DISC R
LECT-DISC S 83041 TU TH TU TH TU TH 8 105G WOOD SHOP 9 83059 105G WOODSHOP 83067 1 105G WOOD SHOP 83075 105G WOODSHOP TH TH 2 ENGINEERING MECHANICS. I -- STATICS. T A M 152 PREREQUISITE: PHYCS. 106 AND REGISTRATION IN MATH. 142 OR 143. 3 HOURS 83083 LECT-DISC C LECT-DISC G M W F 102 WOODSHOP 83091 3 ANALYTICAL MECHANICS -- STATICS AND DYNAMICS. T A M 154 PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 142 OR 143. 4 HOURS LECT-DISC B 9
LECT-DISC C 10
LECT-DISC D 11
LECT-DISC E 1
LECT-DISC F 2 83105 MTU THE 105F WOODSHOP 105F WOODSHOP 83113 MTU THE MTU THE 105F WOOD SHOP 83121 105F WOODSHOP 83130 MTU THE 83148 MIU THE ANALYTICAL MECHANICS -- STATICS AND DYNAMICS. PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 142 OR 143. 5 HOURS 83156 LECT-DISC B 9 MTUWIHF 1058 WOODSHOP 83164 ELEMENTS OF MECHANICS.

FOR NON-ENGINEERING STUDENTS WHO DO NOT TAKE CALCULUS. T A M 171 PREREQUISITE: MATH. 122. 3 HOURS 83172 83172 LECT-DISC B1 9 M W F 83181 LECT-DISC B2 9 M W F 83199 LECT-DISC E 1 M W F 83202 LECT-DISC H 4 M W F 83211 LECT-DISC S 230-4 TU TH 102 WOODSHOP 104 WOODSHOP 104 WOODSHOP 104 WOODSHOP 102 WOODSHOP

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172 STRENGTH OF MATERIALS.
PREREQUISITE: T. A. M. 171.
           3 HOURS
8329 LECT-DISC E 1 M W F 102 WOODSHOP
83237 LECT-DISC F 2 M W F 102 WOODSHOP
T A M 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
              *0 TO 9 HOURS
           83245 CONF
                                      COURSES FOR ADVANCED UNDERGRADUATES
                 ANALYTICAL MECHANICS -- DYNAMICS.
            PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 142 OR 143.
           T A M 212 ENGINEERING MECHANICS, II--DYNAMICS.
PREREQUISITE: PHYCS, 106, T. A. M. 152, MATH. 143.
              3 HOURS

        83288
        LECT-DISC
        B
        9
        M
        W
        F
        306B
        T

        83296
        LECT-DISC
        D
        11
        M
        W
        F
        105G
        WOODSHOP

        833300
        LECT-DISC
        E
        1
        M
        W
        F
        105G
        WOODSHOP

        83318
        LECT-DISC
        M
        930-11
        TU TH
        105C
        WOODSHOP

          221 ELEMENTARY MECHANICS OF DEFORMABLE BODIES.
PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 142 OR 143.
T A M 221
          3 HOURS
T A M 223
           23 MECHANICAL BEHAVIOR OF SOLIDS.
PREREQUISITE: REGISTRATION IN T. A. M. 221.
          T A M 224
                    BEHAVIOR OF MATERIALS .
            PREREQUISITE: T. A. M. 221.
              3 HOURS
           3 HUURS
83474 LECT-DISC C 10 M W F
83482 LECT-DISC D 11 M W F
83491 LECT-DISC F 2 M W F
                                                                                          225A T L
                                                                                           225A T L
                                                                                           225A T L
             5 FLUID MECHANICS.
PREREQUISITE: T. A. M. 211 OR 212.
T A M 235
              4 HOURS
                           LECT-DISC A
                                                                       H W F
TH
M W F
                                                                                           305 T L
126 T L
305 T L
           83504
                           LAB A
LECT-DISC II
                                                           8-10
9
3-5
           83512
                           LECT-DISC D 9 M F
LAB B 3-5 TH
LECT-DISC C 10 M M F
LAB C 10-12 TU
LECT-DISC D 11 M M F
LAB D 10-12 TH
                                                                                            126 T L
           83521
                                                                                            305
                                                                                            126
           83539
                                                                                            305
          83567 LECT-DISC B I M W F 305 T L
83567 LECT-DISC G I M W F 305 T L
83565 LECT-DISC G I M W F 305 T L
LAB G I -3 TU 126 T L
83563 LECT-DISC F 2 M W F 305 T L
LAB G I -3 TU 126 T L
83563 LECT-DISC F 2 M W F 305 T L
LAB F 8-10 TU 126 T L
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SENIOR RESEARCH PROJECT. PREREQUISITE: T. A. M. 293.
4 HOURS

83571 LECT-DISC R 1-3 TU TH 225A T L

T A M 299 THESIS. PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT. 3 HOURS CONF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MECHANICAL VIBRATIONS.

PREREQUISITE: T. A. M. 154 OR 156 OR 211 OR 212 AND 221.

\*CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311. T A M 311 \*3 HOURS, OR 1/2 TO 1 UNIT 4 W F 3068 T L 83598

A ADVANCED DYNAMICS FOR ENGINEERS.

PREREQUISITE: T. A. M. 211 OR FQUIVALENT, MATH. 341 OR 345.

3 HOURS OR 1 UNIT 83601 LECT-DISC D M W F 1.1 306B T 1

5 ADVANCED DYNALICS WITH APPLICATIONS TO ENGINEERING PROBLEMS. PREREQUISITE: T. A. M. 314 OR EQUIVALENT. T A M 315 3 HOURS OR 1 UNIT LECT-DISC A 8 M W F 306B T L

ADVANCED MECHANICS OF DEFORMABLE BODIES. PREREQUISITE: T. A. M. 221 AND 223 OR 224.

3 HOURS, OR 1/2 TO 1 UNIT
33628 LECT-DISC F 2 M W

2 M W F 3068 T L 83628

S EXPERIMENTAL STRESS ANALYSIS.

PREREQUISITE: T. A. M. 150, 211, 212, 221, AND 223 OR 224.

3 HOURS, OR 1/2 TO 1 UNIT

3636 LAB-DISC N 10-12 TU TH 302C T L T A M 326

FLUID MECHANICS AND ADVANCED HYDRAULICS. T A M 334 PREREQUISITE: T. A. M. 235.

3 HOURS, OR 1/2 TO 1 UNIT

33644 LECT-DISC C 10 83644 M W F 3068 T L

T A M 335 DYNAMICS OF FLUIDS. PREREQUISITE: T. A. M. 235.
3 HOURS, OR 3/4 OR 1 UNIT
83652 LECT-DISC C

105B WOODSHOP

T A M 346 DIMENSIONAL ANALYSIS AND THEORY OF MODELS.

3 HOURS, OR 1/2 OR 1 UNIT

83661 LECT-DISC H 4 M W F 3068 T L

O CONTINUUM MECHANICS, I.
PREREQUISITE: T. A. M. 351 OR EQUIVALENT.
3 HOURS OR 1 UNIT OR 1 UNIT LECT-DISC N 10-1130 TU TH 83679 105G WOODSHOP

ENGINEERING ACOUSTICS. T A M 373 SAME AS E. E. 373.

PREREQUISITE: SENIOR STANDING WITH CREDIT IN MATH. 345 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.

3 HOURS, OR 3/4 TO 1 UNIT
3687 DISC D 11 M W F 169 E E B M W F 169 E E B

### COURSES FOR GRADUATES

OO SEMINAR IN ENGINEERING MECHANICS.

\* MAY BE REPEATED.

\*O TO 1/4 UNIT T A M 400 ARR 83695 LECT-DISC A 83709 LECT-DISC J 83717 LECT-DISC L 83717 LECT-DISC N 83725 LECT-DISC N BORESI ARR ROBERTSON ARR SINCLAIR ARR STIPPES MILLER T A M 412 VIBRATION ANALYSIS.

PREREQUISITE: T. A. M. 311 UR EQUIVALENT. 1 UNIT HILEY 83741 LECT-DISC 9 1-220 TU TH 306B T L T A M 418 STOCHASTIC PROCESSES IN ENGINEERING.
SAME AS A. A. E. 453.
PREREQUISITE: A. A. E. 452, E. E. 434, T. A. M. 417, OR EQUIVALENT. 1 UNIT
LECT-DISC A 83750 10-1130 TU TH 204 T B T A M 424 PROPERTIE PROPERTIES OF ENGINEERING MATERIALS. 83768 LECT-DISC L 8-10 TU TH 225A T L CORTEN T A M 426 STRESS AND DEFORMATION IN ENGINEERING COMPONENTS. PREREQUISITE: T. A. M. 321 OR EQUIVALENT. 1/2 TO 1 UNIT M W F 225A T L 83776 LECT-DISC E SIDEBOTTOM THEORY OF FLOW OF VISCOUS FLUIDS.
PREREQUISITE: AN ELEMENTARY COURSE IN FLUID FLOW AND T A M 432 DIFFERENTIAL EQUATIONS. 1 UNIT 83784 LECT-DISC L 8-10 TU TH 305 T L ROBERTSON APPLIED ANALYSIS IN ENGINEERING, II. T A M 442 PREREQUISITE: MATH. 143. 1 UNIT 83792 1-3 TU TH LECT-DISC R 305 T L COSTELLO T A M 451 THEORY OF FLASTICITY WITH APPLICATION TO ENGINEERING PROBLEMS, I.

PREREQUISITE: T. A. M. 221, MATH. 343, 341 OR EQUIVALENT. 1 UNIT LECT-DISC N 10-12 TU TH 1058 WOODSHOP 83806 MILLER T A M 452 THEORY OF ELASTICITY WITH APPLICATION TO ENGINEERING PROBLEMS, II.
PREREQUISITE: T. A. M. 451. 1 UNIT LECT-DISC D 11 M W F 105C WOODSHOP BOREST 83814 454 THEORY OF SHELLS.
PREREQUISITE: T. A. M. 451.
1 UNIT
83822 LECT-DISC G 3 M W F 105B WOODSHOP LANGHAAR WAVE MOTION IN CONTINUOUS MEDIA.
PREREQUISITE: T. A. M. 311, 314, 451, MATH. 341. 342. 343, OR T A M 458 EQUIVALENT. 1 UNIT 2831 LECT-DISC E STIPPES 83831 1 M W F 105C WOODSHOP THEORY OF PLASTICITY.
PREREQUISITE: T. A. M. 451 OR EQUIVALENT. 1/2 OR 1 UNIT

83 84 9

LECT-DISC N 10-1120 TU TH 225A T L SIDEBUTTOM

THEORY OF BUCKLING. T A M 464 PREREQUISITE: T. A. M. 416 AND 451. 1/2 OR 1 UNIT

LECT-DISC F 2 M W F 105C WOODSHOP COSTELLO 83857

T A M 467 THERMOMECHANICS IN NUCLEAR REACTOR SYSTEMS.

SAME AS NUC. E. 467.
PREREQUISITE: NUC. E. 401, OR CONSENT OF INSTRUCTOR. 1 UNIT

105C WOODSHOP

T A M 472

PREREQUISITE: 1. A. M. 326 AND 451 OR CONSENT OF INSTRUCTOR. 1 UNIT

LAB-DISC L 830-10 TU TH 302C T L TAYLOR 83873

ADVANCED INDEPENDENT STUDY--SPECIAL RESEARCH.

1/2 TO 2 UNITS

83890 CONF M W F 225A T L MIL MILLER 83881 CONF Х ARR STAFE

T A M 499 THESIS RI O TO 4 UNITS 83903 CONF THESIS RESEARCH.

Х ARR

STAFF

URBAN PLANNING

DEPARTMENT DEFICE

208 M H

COURSES FOR UNDERGRADUATES

199 UNDERGRADUATE OPEN SEMINAR.
\*MAY BE REPEATED. UP

\*0 TO 9 HOURS

SECTION B: SELECTED TOPICS.
SECTION H: PLANNING ORIENTATION--2 HOURS.
83911 LECT-DISC B ARR
83920 LECT-DISC H 4 W STAFF
PATTON & STAFF W 100 1203 W CAL

COURSES FOR ADVANCED UNDERGRADUATES

236 URBAN PLANNING STUDIO, I. UP

PREREQUISITE: L.A. 131 CR CONSENT OF INSTRUCTOR.
5 HOURS
8-12 M W F 3

83938

30 BEV HALL FREUND

260 SPECIAL PROBLEMS. UP

PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.

2 TO 6 HOURS 83946

CONF

STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

URBAN PLANNING STUDIO, II. UP

PREREQUISITE: U.P. 236 OR CONSENT OF INSTRUCTOR. 6 HOURS, OR 1 TO 1/2 UNITS

\*ADDITIONAL HOURS TO BE ARRANGED.

LAB-DISC 83954 \*1-6

M W F 30 BEV HALL PATTON, STAFF

UP 338

URBAN PLANNING STUDIO, III.

PREREQUISITE: U.P. 337 OR CONSENT OF INSTRUCTOR.

6 HOURS, OR 1 TO 1 1/2 UNITS

\*ADDITIONAL HOURS TO BE ARRANGED.

M W F 30 BEV HALL 83962 LAB-DISC \*1-6 HEUMANN, STAFF

348 AIR POLLUTION SEMINAR.

SAME AS AG. E., C. E., G. E., GEOG. M. E. AND V. M. 348

PREREQUISITE: SENIOR OR GRADUATE STANDING.

2 HOURS OR 1/2 UNIT 83971 LECT-DISC 218 M F B 378 PLANNING LEGISLATION AND ADMINISTRATION.
PREREQUISITE: POL. S. 150, 151 OR 305, 306, OR CONSENT OF II P INSTRUCTOR. 3 HOURS OR 1/2 UNIT LECT-DISC 1030-12 TU TH 153 A S L 91999 GOODMAN 387 SURVEY OF REGIONAL PLANNING. PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR. 3 HOURS OR 1/2 UNIT 83997 LECT-DISC 9-1030 TU TH 153 A S L KEYES COURSES FOR GRADUATES ADVANCED URBAN PLANNING STUDIO. PREREQUISITE: U. P. 337, 336 AND 374 OR CONSENT OF INSTRUCTOR. 1 TO 2 UNITS \*SECTION A: COLLABORATIVE URBAN DESIGN. \*SECTION A: CULLABORATIVE GROAN DES \*SECTION A: ENVIRONMENTAL PLANNING. \*SECTION P: PLANNING METHODS. \*SECTION A: INTERGOVERNMENTAL PLANNING. LAB-DISC \*A
LAB-DISC \*B
LAB-DISC \*H
LAB-DISC \*P
LAB-DISC \*W 1-4 1-5 1-5 1-5 #TUWTHF 403A ARCH
# W F 30 BEV HALL
# H F 30 BEV HALL
# W F 30 BEV HALL
# W F 30 BEV HALL
# W F 30 BEV HALL STAFF 84011 BLAIR HEIFETZ 84020 84738 STAFF WE TMORE 84746 II P SEMINAR. 487 PREREQUISITE: U. P. 374. 1/2 11/17 \*SECTION A: MATHEMATICS FOR PLANNERS. \*SECTION B: SOCIAL PLANNING. \*SECTION C: HOUSING. \*SECTION D: TRANSPORTATION. \*SECTION E: URBAN PLANNING LAW FOREST. \*SECTION F; HISTORIC PRESERVATION. ION F; HISTORIC PF
LECT-DISC \*A
LECT-DISC \*B
LECT-DISC \*C
LECT-DISC \*D
LECT-DISC \*E
LFCT-DISC F 84054 M W F ARR BAGBY 8 84062 ARR HEIFETZ ARR HELIMANN 84071 STHART 84089 ARR 84097 ARR 84101 ARR 488 URBAN PLANNING RESEARCH. PREREQUISITE: U.P. 171 OR CONSENT OF INSTRUCTOR. 1/2 TO 2 UNITS 84119 STAFE

U P 499 THESIS RESEARCH.

PREREQUISITE: GRADUATE STANDING IN URBAN PLANNING.

1/2 TO 2 UNITS

84127 CONF ARR STAFF

#### VETERINARY BIOLOGICAL STRUCTURE

DEPARTMENT OFFICE

#### PROFESSIONAL COURSES

O2 GROSS ANATOMY.

PREREDUISITE: V. B. S. 300 AND 301 UR CONSENT OF INSTRUCTOR.

4 HOURS
LAB-DISC 10-12 TU TH 350 V M 2-4 TU TH 350 V M 84135 2-4

ST. CLAIR

V B S 303 MICROSCOPIC ORGANOLOGY.

PREREQUISITE: V. B. S. 300 AND 301, CR CONSENT OF INSTRUCTOR.

84143 1 TU TH 8-10 M W 2-4 M W LECT 15C LAB 84151 334 V M Α В 334 84160

LOVELL, SAFANIE . KOZLOWSK I

V B 5 304 APPLIED ANATOMY.

PREREQUISITE: REGISTRATION IN THE THIRD YEAR OF THE VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.

2 HOURS

LECT-DISC 10 TU 150 V M 1-3 M 350 V M 84178

LOVELL

V B S 305 DEVELOPMENTAL ANATOMY.

• REREQUISITE: V. B. S. 300 AND 301, CR CONSENT OF INSTRUCTOR. 3 HOURS

84186

1 M W F 150 V M SAFANIE

#### VETERINARY CLINICAL MEDICINE

DEPARTMENT OFFICE

103 S A C

## PROFESSIONAL COURSES

V C M 364 DISEASES OF LARGE ANIMALS.

PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM. 5 HOURS

84194

F 15C V M H 253 V M TUWTH

BRODIE, HATCH, ERWIN

V C M 365 SPECIAL VETERINARY SURGERY.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM OR
CONSENT OF INSTRUCTOR.

5 HOURS

84208 LECT LAB

9 TUWTH 136 V M 1-5 TU TH CL RESEARCH BARN

HARDENBROOK

6 CLINICAL AND LABORATORY PRACTICE.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM. PRERFUE 2 HOURS LAB

84216

V C S A STAFF

7 RADIOLOGY. PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.

2 HOURS 84224

LECT LAB

10-12 M 10

136 V M 334

SLUSHER

V C M 372 VETERINARY JURISPRUDENCE AND ETHICS.
3 HOURS
84232 LECT-DISC 9 M

10

M F 150 V M W 150 V M

HANNAH, BOLEY

V = 173 SENIVAR.    BEREFULINITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.   BEREFULINITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.   RESERVINITE: FEURTH YEAR STANDING IN VETERINARY CURRICULUM.   RESERVINITE: FEURTH YEAR STANDING IN VETERINARY CURRICULUM.   RESPANSIBLE									
V   W   17.   CLINICAL AND LARDHATORY PRACTICE.	V ( M	373 SEM	ITVAR.	H YEAR ST	TANDING I	N WETERINAR	V CIIRS	D I CHI IIM	
V F M 17. CLINICAL AND LARDHAIDEY PRACTICE.  RESERVE 2015/ITE FOURTH YEAR STANDING IN VETERINARY CURRICULUM.  RESERVE 2015/ITE FOURTH YEAR STANDING IN VETERINARY CURRICULUM.  RESPONDENCE THE THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF SA A 8-12 WILLIAM OF SA STAFF  V M 375 SEPRINDICTION, UBSTETPICS AND GENITAL DISEASES.  RECENSULISTEE THERD YEAR STANDING IN VETERINARY CURRICULUM  AND V. C. M. 363.  PHODAS  VETERINARY MEDICAL SCIENCE  DEPARTMENT OFFICE 141 V M  CUUPSES FOR ADVANCED UNDERGRADUATES AND GRADUATES  V M 5 302 GROSS ANATOMY.  RECENSULISTIFY V. M. 5. 376 VP CONSENT OF INSTRUCTOR.  LUNI B4283 LAB-DISC 10-12 TU TH 350 V M ST. CLAIR  V M 5 303 WICKDISCOPIC ONGANGLODY.  POPERTY JUSTIFE V. M. S. 307 AND 301, UP CONSENT OF INSTRUCTOR.  1/4 WIT 1/4 WILLIAM OF WILLIAM OF WILLIAM OF WILLIAM OF WILLIAM OF WILLIAM OF STANDING WILLIAM OF WILLIAM		1 111111							натсн
PRESEZUIJSTITE: FCURTH YEAR STANDING IN VETERINARY CURRICULUM.  3 MUJ95  MC259 LECT									HATCH
Med	νгм	PREREQUI	NICAL AND L SITE: FOURT	ARDEATORY H YEAR ST	PRACTIC ANDING I	E. N VETERINAR	RY CURF	RICULUM.	
A 8-12 A 11 MTU TH S V C S A  V C M 375 ASPRIBUCTION, DESTETPICS AND GENITAL DISEASES.  PREPAIDISTIC: THIRD YEAR STANDING IN VITERINARY CURRICULUM AND V. C. M. 363. 7 MOUSE RAPTS LECT 9 M 136 V M COURSES FOR ADVANCED CADERGRADUATES AND GRADUATES  VETERINARY MEDICAL SCIENCE  DEPARTMENT OFFICE 141 V M  COURSES FOR ADVANCED CADERGRADUATES AND GRADUATES  V M S 302 GROSS ANATOMY. PRENEDISTIT: V. M. S. 376 VP CONSENT OF INSTRUCTOR. 1 UNIT 84283 LAB-DISC 10-12 TU TH 350 V M ST. CLAIR 2-4 TU TH 350 V M ST. CLAIR  V M S 303 MICROSCOPIC ORGANOLOGY. PRENEDISTITE: V. M. S. 306 AND 301, HP CONSENT OF INSTRUCTOR. 3/4 UNIT 46291 LECT 1 TU TH 150 V M SAFANTE. RAPTS LAB A 3-10 M W 334 V M SAFANTE. RAPTS AND AND AND 301, HP CONSENT OF INSTRUCTOR. 3/4 UNIT 46291 LECT 1 TU TH 50 V M SAFANTE. RAPTS DEVELOPMENTAL ANATOMY. PRENEDISTITE: V. M. S. 300 AND 301, HP CONSENT OF INSTRUCTOR. 3/4 UNIT 1 TO TH 253 V M SAFANTE.  V M S 375 DEVELOPMENTAL ANATOMY. PRENEDISTITE: V. M. S. 315 DE CONSENT OF INSTRUCTOR. 1 UNIT 48321 LECT 1 M M F 150 V M SAFANTE  V M S 376 LECT-DISC 9 TU TH 253 V M SAFANTE  V M S 377 PERFINARY PHYSIOLOGY AND PHARMACCLIGY. PRENEDISTITE: V. M. S. 315 DE CONSENT OF INSTRUCTOR. PRENEDISTITE: V. M. S. 315 DE CONSENT OF INSTRUCTOR. PRENEDISTITE: CREDIT OF PRESIDENT OF THE 266 V M SAFANTE  V M S 31 PHARMACOLOGY. PREPAIDSTRUCTOR. PREPAIDSTRUCTOR. 1 UNIT 434 V M BEAMER  V M S 35 SPECIAL PATHOLOGY. PREPAIDSTRUCTOR. 1 UNIT 434 V M BEAMER  V M S 35 SPECIAL PATHOLOGY. PREPAIDSTRUCTOR. 1 UNIT 4136 V M BEAMER  V M S 35 SPECIAL PATHOLOGY. PREPAIDSTRUCTOR. 1 UNIT 4136 V M BEAMER		44259	LECT	۸	11	w F			STAFF
V M 377 ASPRODUCTION, OBSTETICICS AND GENITAL DISEASES.  PREPEDUISITE: THRD YEAR STANDING IN VETERINARY CURRICULUM AND V. C. M. 363.  PAG275 LECT 9 M 136 V M  CLUPSES FOR ADVANCED UNDERGRADUATES AND GRADUATES  V M 5 307 GROSS ANATOMY.  PREPEDUISITE: V. M. S. 376 CR CONSENT OF INSTRUCTOR.  10911 84283 LAB-DISC 10-12 TU TH 350 V M ST. CLAIR  V M 5 303 MICROSCOPIC ONGANOLOGY.  PRESENTINITE: V. M. S. 376 CAN 301, UP CONSENT OF INSTRUCTOR.  1/4 UNIT 1 UTH 150 V M SAFANIE.  ANA 1091 LECT 1 UTH 150 V M SAFANIE.  N M 5 308 DEVELOPMENTAL ANATOMY.  PRESENTISITE: V. M. S. 370 AND 301, UP CONSENT OF INSTRUCTOR.  3/4 UNIT 1 UNIT 1 UNIT 150 V M SAFANIE.  N M S 374 UNIT 1 UTH 150 V M SAFANIE.  N M S 375 DEVELOPMENTAL ANATOMY.  PRESENTISITE: V. M. S. 370 AND 301, UP CONSENT OF INSTRUCTOR.  3/4 UNIT 16321 LECT 1 M H F 150 V M SAFANIE.  N M S 310 DEVELOPMENTAL ANATOMY.  PRESENTISITE: V. M. S. 315 UP CONSENT OF INSTRUCTOR.  1 UNIT 14321 LECT 1 M H F 150 V M SAFANIE.  N M S 310 PLORENTAL PRISTOLOGY AND PHARMACCLICY.  PRESENTISITE: V. M. S. 315 UP CONSENT OF INSTRUCTOR.  1 UNIT 14340 LECT 105C 9 TU TH 253 V M NEWTON  RA360 LAB A 1-5 TU 266 V M NEWTON  N M S 313 PHARMACOLOGY.  PRESENTISITE: CREDIT UP PEGISTPATION IN V. M. S. 315 AND 316 AND CONSENT OF INSTRUCTOR.  1 UNIT 101 UNIT 102 CT 1 M N F 253 V M HUBER, BORCH  N M S 335 SPECIAL PATHOLOGY.  PRESENTISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.  1 UNIT 104			LAU	Δ	8-12	S			
### PARTY OF THE PARTY STANDING IN VETERINARY CURRICULUM ###################################				ц	11	MIO IN		V C S A	
### ### ##############################	V 5 M	AND V. C	SITE: THIRD . M. 363.	UBSTETRIC YEAR STA	S AND GE	NITAL DISEA VETERINARY	SES.	TCULUM	
VETERINAPY MEDICAL SCIENCE  DEPARTMENT OFFICE  CUUPSES FOR ADVANCED UNDERGRADUATES AND GRADUATES  V M S 302  GROSS ANATOMY.  JUNIT  84283  LAB-DISC  10-12  TU TH 350 V M  ST. CLAIR  V M S 303  MICROSCOPIC ORGANOLOGY.  JOERADUISTIE: V. M. S. 307 AND 301, 00 CONSENT OF INSTRUCTOR.  1429  14495  148		2 HOURS	LECT						EAGELMAN
CUUPSES FOR ADVANCED UNDERGRADUATES AND GRADUATES			LAB		9-12	F	CL RES	SEARCH BARN	
CUUPSES FOR ADVANCED UNDERGRADUATES AND GRADUATES									
CUUPSES FOR ADVANCED UNDERGRADUATES AND GRADUATES				VETERI	INTSA WED	ICAL SCIENC	C.E.		
V M S 302 GROSS ANATOMY.  DECREQUISITE: V. M. S. 376 OR CONSENT OF INSTRUCTOR.  1 UNIT  84283 LAB-DISC 10-12 TU TH 350 V M ST. CLAIR  V M S 303 MICROSCOPIC ORGANOLOGY.  DECREDUISITE: V. M. S. 300 AND 301, UP CONSENT OF INSTRUCTOR.  3/4 UNIT  84291 LECT 1 TU TH 150 V M LOVELL,  84313 LAB A 3-10 M W 334 V M SAFANTE,  84313 LAB B 2-4 M W 334 V M SAFANTE,  V M S 305 OFVELOPMENTAL ANATOMY.  PREREDUISITE: V. M. S. 300 AND 301, UP CONSENT OF INSTRUCTOR.  3/4 UNIT  84321 LECT 1 M W F 150 V M SAFANTE  V M S 316 VETERINARY PHYSIOLOGY AND PHARMACCLOGY.  PREREDUISITE: V. M. S. 315 UP CONSENT OF INSTRUCTOR.  1 UNIT  44340 LECT-DISC 9 TU TH 253 V M NEWTON  84346 LAB A 1-5 TU 266 V M NEWTON  84346 LAB B 1-5 TH 266 V M NEWTON  V M S 313 PHARMACOLOGY.  PREREDUISITE: CREDIT OP REGISTRATION IN V. M. S. 315 AND 316 AND CONSENT OF INSTRUCTOR.  1 UNIT  94364 LECT-DISC 1 M W F 253 V M HUBER, BORCH  84372 Lab A 9-12 F 266 V M HUBER, BORCH  84372 Lab B 2-5 F 266 V M HUBER, BORCH  1 UNIT  94364 LECT-DISC 1 M W F 253 V M HUBER, BORCH  84372 Lab A 9-12 F 266 V M HUBER, BORCH  84372 Lab B 2-5 F 266 V M HUBER, BORCH  1 UNIT 94364 LECT-DISC 1 M W F 253 V M HUBER, BORCH  84372 Lab A 9-12 F 266 V M HUBER, BORCH  1 UNIT 94399 LECT 8 M 136 V M BEAMER		OF	PARTMENT OF					ч	
1 UNIT   84283   LAB-DISC   10-12   TU TH   350 V M   ST. CLAIR			COUPSES	FOR ADVA	INCED UND	FRGRADUATES	S AND (	GRADUATES	
1 UNIT 84283 LAB-DISC 10-12 TU TH 350 V M ST. CLAIR 2-4 TU TH 350 V M ST. CLAIR  V M S 303 MICROSCOPIC ORGANOLOGY. 00028501/SITE: V. M. S. 307 AND 301, UP CONSENT OF INSTRUCTOR. 3/4 UNIT 84291 LECT 1 TU TH 150 V M LOVELL, 84313 LAB A 3-10 M W 334 V M SAFANIE, 84313 LAB B 2-4 M W 334 V M SAFANIE, 84313 LAB B 2-4 M W 334 V M SAFANIE  V M S 305 DEVELOPMENTAL ANATOMY. PREREDUISITE: V. M. S. 300 AND 301, UP CONSENT UP INSTRUCTOR. 3/4 UNIT 84321 LECT 1 M W F 150 V M SAFANIE  V M S 316 VETERINARY PHYSIOLOGY AND PHARMACCUGY. PREREDUISITE: V. M. S. 315 UP CONSENT OF INSTRUCTOR. 1 UNIT 1 UNIT 84380 LECT-DISC 9 TU TH 253 V M JACKSON. 84348 LAB A 1-5 TU 266 V M NEWTON 84348 LAB B 1-5 TH 266 V M NEWTON 84346 LAB B 1-5 TH 266 V M HUBER, BORCH 1 UNIT 94764 LECT-DISC 1 M W F 253 V M HUBER, BORCH 84372 LAB A 9-12 F 266 V M  V M S 313 SPECIAL PATHOLOGY. PREREDUISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR. 1 UNIT 84399 LECT B M M F 253 V M BEAMER  U M S 335 SPECIAL PATHOLOGY. PREREDUISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR. 1 UNIT 84399 LECT B M M F 250 V M BEAMER	V M S	302 GRO PREKEQUI	SS ANATOMY.	S. 370 (	R CUNSEN	I OF INSTRU	ctor.		
V M S 303		1 UNIT						V M	ST. CLAIR
### OPERFORM STRUCTOR.  ### JAY UNIT ### ### ### ### ### ### ### ### ### ##		0.0.0			2-4	TU TH	350	V M	311
### ##################################	V M S	303 MIC	ROSCOPIC OR	GANGLOGY. S. 300 A	AND 301,	UP CONSENT	OF INS	STRUCTOR.	
## ## ## ## ## ## ## ## ## ## ## ## ##							150		LOVELL.
V * S 305		84305	LAB	A R	3-10	M W	334		SAFANIE,
No.						7 1	,,,	V 14	NUCCONO
3/4 UNIT 84321 LECT 1 M W F 150 V M SAFANIE  V M S 316 VETERINARY PHYSIOLOGY AND PHARMACCLOGY. PPEREQUISITE: V. M. S. 315 UP CONSENT OF INSTRUCTOR. 1 UNIT 34340 LECT-DISC 9 TU TH 253 V M JACKSON. 84348 LAB A 1-5 TU 266 V M 84356 LAB B 1-5 TH 266 V M  V M S 313 PHARMACOLOGY. PPEREQUISITE: CREDIT OF REGISTRATION IN V. M. S. 315 AND 316 AND CONSENT OF INSTRUCTOR. 1 UNIT 84364 LECT-DISC 1 M W F 253 V M HUBER, BORCH 84372 LAB A 9-12 F 266 V M  V M S 335 SPECIAL PATHOLOGY. PPEREQUISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR. 1 UNIT 84399 LECT 8 M 136 V M BEAMER	v v s	305 DEV	ELOPMENTAL .	ANATOMY.	ND 301-	DO CONSENT	DE INS	TOUCTOR.	
V M S 316		3/4 UNIT							CAEANIE
PREARBUISITE: V. M. S. 315 OP CONSENT OF INSTRUCTOR.  1 UNIT  34340		84321	LCU1		1	M M F	150	V m	SAFANIC
### 3430 LECT-DISC 9 TU TH 253 V M JACKSON, NEWTON 84348 LAB A 1-5 TU 266 V M NEWTON 84356 LAB B 1-5 TH 266 V M  V M S 313 PHARMACOLOGY.  PPEREDUISITE: CREDIT OF REGISTRATION IN V. M. S. 315 AND 316 AND CONSENT OF INSTRUCTOR.  1 UNIT 84364 LECT-DISC 1 M W F 253 V M HUBER, BORCH 84372 LAB A 9-12 F 266 V M  V M S 335 SPECIAL PATHOLOGY.  PPEREDUISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.  1 UNIT 84399 LECT 8 M 136 V M BEAMER	V M S	PRESEQUI	FRINARY PHY.	\$10LUGY A	ND PHARM. OP CONSEN	ACCLOGY. T OF INSTRU	CTOR.		
### 84356 LAB B 1-5 TH 266 V M  V M S 313 PHARMACOLOGY.  PPEREQUISITE: CREDIT OF PEGISTRATION IN V. M. S. 315 AND 316 AND  CONSENT OF INSTRUCTOR.  1 UNIT  #### 84364 LECT-DISC 1 M W F 253 V M HUBER, BORCH  #### 84372 LAB A 9-12 F 266 V M  ##### W M S 335 SPECIAL PATHOLOGY.  PPEREQUISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.  1 UNIT  ##### 84399 LECT B M 136 V M BEAMER		34340			9	TU TH	253	V M	
### 84356 LAB B 1-5 TH 266 V M  V M S 313 PHARMACOLOGY.  PPEREQUISITE: CREDIT OF PEGISTRATION IN V. M. S. 315 AND 316 AND  CONSENT OF INSTRUCTOR.  1 UNIT  #### 84364 LECT-DISC 1 M W F 253 V M HUBER, BORCH  #### 84372 LAB A 9-12 F 266 V M  ##### W M S 335 SPECIAL PATHOLOGY.  PPEREQUISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.  1 UNIT  ##### 84399 LECT B M 136 V M BEAMER		84348	LAB	Α	1-5	TU	266	V M	NEWIUN
PREFERUISITE: CREDIT OF REGISTRATION IN V. M. S. 315 AND 316 AND CONSENT OF INSTRUCTOR.  1 UNIT  84364		84356	LAB	В	1-5	TH	266	V M	
## 84364 LECT-DISC 1 M W F 253 V M HUBER, BORCH ## 84372 LAB A 9-12 F 266 V M  V M S 335 SPECIAL PATHOLOGY.  PRESERVISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.  1 UNIT  ## 84399 LECT B M BEAMER	V M S	PREREQUI CONSENT	SITE: CREDI		STRATION	IN V. M. S	. 315	AND 316 AND	
V M S 335 SPECIAL PATHOLOGY.  PRESENTISTE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.  1 UNIT  84399 LECT 8 M BEAMER		94364	LECT-DISC		1	M W F			HUBER, BORCH
PRESERVUISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.  1 UNIT  84399 LECT 8 M 136 V M BEAMER  10 TILTH 136 V M		84372 84381	LAB LAB	В	9-12 2-5	F F			
84399 LECT 8 M 136 V M BEAMER	V M S	PREKE JUI	CIAL PATHOLI	OGY . S. 334 O	DR EQUIVA	LENT AND CC	NSENT	OF INSTRUCTOR.	
10 TU TH 136 V M 84402 LAB A 9-11 M W F 132 V M 84411 LAB B 2-4 M W F 132 V M			LECT		8	М	136		BEAMER
84411 LAB B 2-4 M W F 132 V M		84402	LAB	A	9-11	TU TH M W F			
		84411	LAB	В	2 -4	M W F			

416

HELMINTH PARASITES. V M S 336 PREREQUISITE: 20 HOURS IN CHEMISTRY OF ANIMAL BIOLOGY OR BOTH, CONSENT OF INSTRUCTOR. 3/4 UNIT 84429 1 FC T TU TH 136 V M FITZGERALD, 168 V M 168 V M TODD LAB 1-4 84437 Δ TU 1-4 84445 LAB В INTRODUCTION TO APPLIED STATISTICS.

SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND V M S 340 HORT. 340. PREREQUISITE: MATH. 111 OR 112 OF 104, OF EQUIVALENT. 4 HOURS OR 3/4 UNIT 84453 LECT TU TH TH SEIF w109 LAB-DISC W223 I H W223 I H W121 I H 84461 1 - 3 TU 84470 LAB-DISC 3-5 TU 1-3 LAB-DISC 84488 LAB-DISC W223 84496 V M S 374 PROBLEMS IN HUMAN ECOLUGY.

SAME AS ANTH., GEOG., H. ED., PHYSL., PSYCH., AND SOC. 374.

PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S. OR ZOOL. 369. 4 HOURS OR 1 UNIT 4 HOURS OR 1 UNIT ONE DISCUSSION HOUR TO BE ARRANGED. \*11 M W F 393 BEV HALL LEVINE V M S 392 SPECIAL PROBLEMS. PREREQUISITE: REGISTRATION IN VETERINARY CURRICULUM WITH GRADE POINT AVERAGE OF 3.5 OR ABOVE.
\*\*STUDENTS MAY ACCUMULATE ONE UNIT. \*1/2 UNIT 84518 STAFF LAB ARR COURSES FOR GRADUATES MECHANISMS OF MICROBIAL INFECTIONS. PREREQUISITE: MCBIU. 326 UR V. M. S. 332, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR. 3/4 UNIT LECT-DISC 84526 ARR RISTIC 7 MEDICAL MYCOLOGY. PREREQUISITE: MCBIO. 326, v. M. S. 332, OR EQUIVALENT. V M S 417 1 UNIT 84534 LAB-DISC RHOADES. ARR WATRACH ANIMAL VIROLOGY.
SAME AS MCBIO. 419.
PREREQUISITE: MCBIO. 326 AND 327 CR V. M. S. 331 AND 332;
CHEM. 350 OR 354; CONSENT OF INSTRUCTOR V M S 419

PREREQUISITE: MCBIO. 326 AND 327 CR V. M. S. 331 AND 332; CHEM. 350 OR 354; CONSENT OF INSTRUCTOR 3/4 UNIT 84542 LAB-DISC 10-12 M W F ARR MEYER

V M S 425 FXPERIMENTAL PARASITULOGY.

M S 425 EXPERIMENTAL PARASITOLOGY.

SAME AS ZOOL. 425.

PREREQUISITE: A LABORATORY COURSE IN PARASITOLOGY OR PROTOZOOLOGY,

ORGANIC CHEMISTRY, CHEM. 350 AND STATISTICS.

1 UNIT

84551 LECT-DISC ARR

FITZGERALD, SILVERMAN

SEIF

V M S 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR.,
AND HORT. 440.
PREREQUISITE: V. M. S. 340 OR EQUIVALENT.
3/4 UNIT.

84569 LECT 9 M W W109 T H W223 T H TH 84577 LAB-DISC 1 1-3 84585 LAB-DISC 3-5 TH W223 T H 2

9 ADVANCED CORRELATIVE PATHOLOGY.
PREREQUISITE: V. M. S. 308, 335, 445, 450, OR EQUIVALENT;
CONSENT UF INSTRUCTOR.
0 TO 1 1/2 UNITS V M S 459

LAB-DISC 84593

SIMON, WATRACH

V M S 461 ADVANCED VETERINARY PHARMACOLOGY. PREREQUISITE: CONSENT OF INSTRUCTOR. 3/4 UNIT

84607

ARR

LINK

V 4 S 463 RADIDISOTOPES IN BIOLOGICAL PESEARCH--PRINCIPLES AND PRACTICE. SAME AS AN. S. 463 AND BLUPH 463.

PPEREQUISITE: QUANTITATIVE CHEMISTRY, ONE YEAR OF MATHEMATICS,

PHYSICS, BIOLOGY AND/OR CONSENT OF INSTRUCTOR.

3/4 UNIT

LECT 11 M W 253 V M LAB A 1-5 TU 232 V M LAB B 1-5 TH 232 V M 84615 84623 34631

ARR

ANDERSON, TWARDOCK

V M S 490 SEMINAR.

REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS VETERINARY MEDICAL SCIENCE. 1/4 UNIT 84640

woons

V M S 492

01 SC

2 SPECIAL PROBLEMS. PREREQUISITE: CONSENT OF INSTRUCTOR.

1/4 TO 1 UNIT

84658 LAB STAFF

V M S 499 THESIS RESEARCH O TO 4 UNITS 84666 LAB THESIS RESEARCH.

ARR

STAFF

### VETERINARY MEDICINE

## COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

V M SPECIAL PROBLEMS. PREREQUISITE: PROFESSIONAL STANDING IN VETERINARY CURRICULUM AND GRADE POINT AVERAGE OF 3.5.

\*STUDENTS MAY ACCUMULATE 6 HOURS, OR 1 UNIT \*3 HOURS OR 1/2 UNIT

84674 LAB-DISC ARR STAFF

## VETERINARY PATHOLOGY AND HYGIENE

DEPARTMENT OFFICE 61 V M

## PROFESSIONAL COURSES

VPH	4 331 VE	TERINARY B	ACTERIOLO	GY.				
		ENT OF INS			N VETERINAR	A WEDIC	INE CURRICULU	IM
	84682			1.1	M W F	136	V M	BRY AN.
	84691	LAB	Δ					KILLINGER.
	84704	LAB	В	2-4	M W F M W F	168	V M	RHOADES
V P I	H 335 SP	ECIAL PATHO	DLOGY.					
		OF INSTRU		STANDING	IN VETERINA	RY CUPR	ICULUM DR	
	84712	LECT		8	M	136	V M	BEAMER
				10	TU TH	136	V M	SIMON
	84721	LAB	Α	9-11	M W F	132	V M	BYERLY
	84739	LAB	В	2-4	M W F	132	V M	CAMERON
VPH		OF INSTRUC	ND YEAR		IN VETERINA			FITZGERALD.
	84755	LAB	Δ		TU			TOOD
	84 76 3	LAB LAB	В	1 -4	TH	168		
VPF	O CREDI	ISITE: THIS	RD YEAR S	TANDING I	N PROFESSIO			
	84771	LECT-DISC		10	TH	150 \	V M	SIMON
V P t	H 339 CL: PREREQUI O CREDII	ISITE: V. F						
		LECT-DISC		10	TH	150	V M	SIMON
V P H		ISITE: FOUR	TH YEAR		IN VETERINA	RY CURR	ICULUM OR	
				8-10	TUWTH	150	V 4	WOODS, MARTIN, SCHNURENBER GRIGOR

## VETERINARY PHYSIOLOGY AND PHARMACOLOGY

DEPARTMENT OFFICE

263 V M

## PROFESSIONAL COURSES

			۲	KOLF 22 LCM	AL COURSES		
V P P	316 VE	TERINARY PH	van intav	AND PHAR	ACCLOGY.		
•	PREREQU	ISITE: V. P			T OF INSTRU	CTOR.	
	4 HOURS 84801	LEC T-D1 SC		9	TU TH	253 V M	JACKSON,
	84810	LAB	А	8 1 -5	F TU	136 V M 266 V M	NEWTON
	84828	LAB	В	1-5	TH	266 V M	
VPP	318 PH	ARMACOLOGY.					
		OF INSTRUC		STANDING	N VETERINAR	Y CURRICULUM OR	
	4 HOURS 84836	LECT-DISC		1	M W E	253 V M	LINK
	84844	LAB	A	9-12	F	266 V M	BORCHARD
	84952	LAB	В	2-5	F	266 V M	
V D D	324 VE	TED IN A DV NIII	TOTTION				
<b>V</b> F F	PREREQU	ISITE: THIR	D YEAR S		VETERINARY	CURRICULUM OR	
	CONSENT FIELD TI	OF INSTRUCT	TOR.				
	3 HOURS					*50 V W	ME OUE EN
	84861	LECT		11	MTU TH	150 V M	MCQUEEN
		VOC	CATIONAL	. AND TECH!	ICAL EEUCAT	ION	
	DI	EPARTMENT O	FFICE		347A EDUCAT	ION BUILDING	
			COURSES	FOR UNDER	GRADUATES		
VOTEC	2 HOURS	TURE OF THE	TEACHIN	IG PROFFSSI	ON.		
	*SECTIO!	N G: AGRICUI N L: HOME E	LTURE.				
	84879	LECT-DISC	*G	12	F	33 EDUC	STAFF
	84887	LECT-DISC	*G	10-12 10	TH TU	33 EDUC 25 EDUC	STAFF GRIGGS
	0.007	2201 0130	*L	10-12	тн	25 EDUC	GRIGGS
VOTEC	181 IN	TRODUCTORY	WOOD WORK	•			
	*SECTION					CURR ICULUM.	
	84895	LECT LAB	* A *A	2 3-5	M W F	48A EDUC 48A EDUC	SREDL STAFF
VOTEC		ANCED COURS		ODWORK.			
	PREREQUI 4 HOURS	ISITE: VOTE	. 181.				
	84909	LECT		9	M W F	48A EDUC	BLOOM
		LAB		10-12 10	M W F	48A EDUC 48A EDUC	STAFF
VOTEC	183 GEF	NERAL METAL	NORK.				
	4 HOURS 84917	LECT	Α	2-4	F	38 EDUC	WIL SON
		LAB	A	12-3	M W F	38 EDUC	WILSON
	84925	LECT LAB	8 B	2-4 3-6	M W	38 EDUC 38 EDUC	STAFF
VOTEC		NERAL SHOP F	OR ELEM	ENTARY AND	SPECIAL ED	UCATION TEACHERS.	
	3 HOURS 84933	LECT	Α	2	TU TH	48A EDUC	CAMPBELL
	86331	L AB L EC T	A	3-5 9-12	TU TH TU TH	48A EDUC 48A EDUC	CAMPBELL
	00931		8	730-930 PM		48A EDUC	
		LAB	(3	130-930 PF	10 10	TOM LOGG	

SUPERVISED OCCUPATIONAL EXPERIENCE. VOTEC 180 PREREQUISITE: SOPHOMORE STANDING. \*2 OR 3 HOURS TOTAL ACCUMULATED HOURS TO BE DETERMINED IN CONSULTATION WITH ADVISOR. PRACT D ZONC A 84941 ADD 9 UNDERGRADUATE OPEN SEMINAR. \*MAY BE REPEATED. \*0 TO 9 HOURS SECTION A: AGRICULTURAL EDUCATION. I FCI-DISC A TH 33 EDUC немо 84950 COURCES FOR ADVANCED HADERCRADIATES PRINCIPLES OF VOCATIONAL AND TECHNICAL EDUCATION.
PREREDUISITE: VOIEC. 101 AND PSYCH. 100. VOTEC 240 2 HOURS #SECTION B. BUSINESS FOURATION \*SECTION E: HOME ECONOMICS EDUCATION. PANCRAZIO 84976 SPITZE INDEPENDENT STUDY. VOTEC 249 PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK. 2 HOURS \*SECTION AG: AGRICULTURE EDUCATION. \*SECTION BUS: BUSINESS EDUCATION. \*SECTION HED: HOME ECONOMIC EDUCATION. \*SECTION IED: INDUSTRIAL EDUCATION. \*AG ARR \*BUS ARR 84984 CONE STAFF 84992 CONF STAFF \*HED ARR STAFF CONE 85009 85017 CONE STAFF VOTEC 271 TECHNIC AND CURPICULUM DEVELOPMENT FOR TEACHING DATA PROCESSING AND DEFICE MACHINES. 3 HOURS 85025 LECT M W F 8 DKH TUTH 8 DKH MAHAFFEY PANCRAZIO LAR VOTEC 276 STUDENT TEACHING IN VOCATIONAL AGRICULTURE.

PREREQUISITE: HP. ED. 201 AND VOTEC. 240 OR CONSENT OF INSTRUCTOR
AND CONCURRENT ENROLLMENT IN VOTEC. 277. 5 HOURS 95033 DDACT HEMD PROGRAMS AND PROCEDURES IN AGRICULTURAL EDUCATION. PREREQUISITE: HP. ED. 201, AND VOTEC. 240 OR CONSENT OF INSTRUCTOR AND CONCURRENT ENROLLMENT IN VOTEC. 276. 5 HOURS WILL NUT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

1041 LECT-DISC 8-10 MTUMTHF 28 EDUC

1050 LAB 1 10 MTUMTHF 28 EDUC 85041 THOMAS 28 EDUC THOMAS LAB 85050 85068 LAB 3-5 TH TH THOMAS VUCATIONAL EDUCATION IN HOME ECONOMICS FOR ADULTS.
PREREQUISITE: SENIOR STANDING, REGISTRATION IN SE. ED. 241 AND ED. PR. 242. 3 HOURS WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. \*TWO HOURS TO BE ARRANGED. 85076 MTUWTHE 22 EDUC SPIT/F VOTEC 280 GENERAL DRAFTING. PREREQUISITE: G. F. 101 AND ARCH. 141. 3 HOURS will not meet during the SIX-WEEK STUDENT TEACHING PERIOD.

1084 LECT-DISC 9-12 TU TH 349 ARMORY LECT-DISC TINKHAM

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VITEC 349 SPECIAL STUDY AND INVESTIGATION IN VOCATIONAL AND
                                    TECHNICAL EDUCATION.
                     PREREQUISITE: CONSENT OF INSTRUCTOR: DEMONSTRATED ABILITY TO
                      PURSUE SPECIAL STUDY OR INVESTIGATION PROPOSED. 2 TO 4 HOURS, OR 1/2 TO 1 UNIT
                       *SECTION A IS FOR AGRICULTURAL EDUCATION.
                      *SECTION 3 IS FOR BUSINESS EDUCATION.
                      *SECTION 5 IS FOR HOME ECONOMICS.

*SECTION D IS FOR INDUSTRIAL EDUCATION.

*SECTION E: GENERAL VOTEC.
                                             CONF *A ARR
CONF *B ARR
CONF *C ARR
CONF *D ARR
CONF *E APR
                  85092
                                                                                                                                                                                                    STAFF
                  A5126
                                                                                                                                                                                                     STAFF
                  85114
                                                                                                                                                                                                     STAFF
                  85122
                                                                                                                                                                                                     STAFF
                  85131
                                                                                                                                                                                                     STAFF
VOTEC 381 PRINCIPLES OF VOCATIONAL EDUCATION.
3 HOURS, OR 1/2 OR 1 UNIT
85149 LECT-DISC 7-93CPM TU
                                                                                                                                      25 EDUC
                                                                                                                                                                                                  TOMLINSON
                  082 COOPERATIVE VOCATIONAL AND TECHNICAL EDUCATION PROGRAMS.
2 TO 4 HOURS, OR 1/2 TO 1 UNIT

*SECTION 3: BUSINESS. 4 HOURS OR 1 UNIT.
                 85157 LECT-DISC *8
                                                                                                                                                 28 EDUC
                                                                                               7-9PM TU
                                                                                                                                                                                                    MAHAFFFY
VITEC 383 DEVELOPMENT, ORGANIZATION, AND PRINCIPLES OF INDUSTRIAL
                EDUCATION.
3 HJURS, OR 1/2 OR 1 UNIT
85165 LECT-DISC 7-93CPM
                85155
                                                                                                                             TH
                                                                                                                                                 28 F 1110
                                                                                                                                                                                                  SREDI
                                 TRAINING PROGRAMS IN INDUSTRY.
                      PREREQUISITE: JUNIOP STANDING IN INDUSTRIAL EDUCATION OR CONSENT
                     OF INSTRUCTOR.
                     4 HOURS OR 1 UNIT
                                                                                 7-93CPM M
                                                                                                                                                  25 EDUC
                                                                                                                                                                                                    STAFF
                     8 SPECIAL TECHNIQUES OF TEACHING VOCATIONAL INDUSTRIAL SUBJECTS.
PREREQUISITE: JUNIOR STANDING AND TEN HOURS OF UNDERGRADUATE CREDIT
IN APPROPRIATE VOCATIONAL AND TECHNICAL EDUCATION COURSES.
VOTEC 388
                       4 HOURS OR 1 UNIT
                                                                                                                                            25 EDUC
                                        LECT-DISC
                  85181
                                                                                      630-93(PM
                                                                                                                                                                                                  CAMPBELL
                                                                                 COURSES FOR GRADUATES
VOTEC 442 JUNIOR COLLEGE.
SAME AS HI. ED. 442.
                T IVU I
                                                                           7-9PM W 330 ARMORY
                85190 LECT-DISC
                                                                                                                                                                                                O BANTON
VOTEC 445 INVESTMENT IN HUMAN RESCURCES.
                   SAME AS L. 1. 2. 445.

PREREQUISITE: INTRODUCTURY COURSE IN ECONOMICS AND IN
                      QUANTITATIVE METHODS.
                       LUNIT
                                                                                                                                                 43 1 1 R FOLK
                  85203
                                                                                  1-3 W
                                          LECT-DISC
                                 INDEPENDENT STUDY.
                     PRESEDUISITE: APPRIVAL OF STUDY CUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRICE TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, CP MORE BY SPECIAL
                      CONSENT OF THE DEAN. #1/2 OR 1 UNIT
                 *1/2 OR 1 UNIT

*SECTION A: AGRICULTURE.

*SECTION O: HOME ECONOMICS.

*SECTION D: INDUSTRIAL EDUCATION.

*SECTION F: GENERAL VCTEC.

*ARR

*SECTION F: GENERAL VCTEC.

*SECTION F: GENERAL VCTEC.

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*SECTION F: GENERAL VCTEC.

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*SECTION F: GENERAL VCTEC.

*SECTION F: GENERAL VCTEC.

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*SECTION F: GENERAL VCTEC.

*SECTION F: 
                                                                                                                                                                                                    STAFF
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VOTEC 451 DIRECTING PERSONNEL DEVELOPMENT IN VOCATIONAL, TECHNICAL, AND
           PRACTICAL ARTS EDUCATION.

PREREQUISITE: ONE UNIT IN VOCATIONAL AND TECHNICAL EDUCATION, OR
           CONSENT OF INSTRUCTOR.
           1 UNIT
         85262
                                             4-6
                                                       TU
                                                                    22 EDUC
                      LECT-DISC
                                                                                            MATHER
                WORKSHOP IN CURRICULUM DEVELOPMENT.
 VOTEC 459
           1/2 TO 2 UNITS
                                             7-9PM W
         85271
                     LECT-DISC
                                                                     28 EDUC
                                                                                            STERN
           5 DRGANIZING AND TEACHING AGRICULTURE MECHANICS.
PREREQUISITE: VOTEC. 276 AND 277 OR CONSENT OF INSTRUCTOR.
           1/2 UNIT
         85289
                     LECT-DISC 430-630 M
                                                                                            WILLIAMS
VOTEC 476 GUIDANCE IN VOCATIONAL, TECHNICAL, AND PRACTICAL ARTS EDUCATION.
          1 UNIT
                     LECT-DISC 1-9PM 4 28 EDUC
                                                                                            WALKER
          GUPRICULUM PROBLEMS AND TRENUS IN INDUSTRIAL EDUCATION.

PREKFOUSITE: UNDERGRACUATE WORK IN VOCATIONAL AND TECHNICAL EDUCATION.
           1 UNIT
         85301
                  LECT-DISC
                                             7-930 PM TU
                                                            33 EDITC
                                                                                           STERN
VOTEC 489
                ADMINISTRATION AND SUPERVISION OF VOCATIONAL AND TECHNICAL
                 EDUCATION.
          PREREQUISITE: CONSENT OF INSTRUCTOR.
           1 UNIT
         85319
                     LECT-DISC
                                                           TH
                                                                    25 EDUC
                                                                                            KARNES
                SEMINAR FOR ADVANCED STUJENTS OF EBUCATION.
VOTEC 490
           DPEN CNLY TO PERSONS WHO HAVE COMPLETED THE PRELIMINARY EXAMINATION FOR THE DEGREES OF PH.D. OR ED.D.
           1 TO 2 UNITS
           *SECTION A: AGRICULTURE.
*SECTION B: BUSINESS.
           *SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
           *SECTION E: GENERAL VOTEC.
                CONF *A
         85327
                                         ARR
         85335
                                         ARR
                                                                                            STAFF
                    CONF
                                *C
*D
                                                                                            STAFF
         85343
                                         ARR
        85351
                                         ARR
                                                                                            STAFF
         85360
                     CONF
                                 ×Ε
                                          ARR
                                                                                            STAFF
          FIELD STUDY AND THESIS SEMINAR.
LIMITED FOR DOCTORAL STUDY.
VOTEC 491
           1 TO 2 UNITS
           *SECTION A: AGRICULTURE.
*SECTION B: BUSINESS.
           *SECTION C: HOME ECONOMICS.
           *SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.
378 CONF *A ARR
                CONF *A ARR
CONF *B ARR
CONF *C ARR
CONF *D ARR
         85378
                                                                                            STAFF
         85386
                                                                                            STAFF
                    CONF
         85394
                                                                                            STAFF
         85408
                                                                                            STAFF
        85416
                                *F
                                         ARR
                                                                                            STAFF
VOTEC 499
                THESIS KESFARCH.
          O TO 4 UNITS

*SECTION 4: AGRICULTURE.
           *SECTION B: HOME ECONOMICS.
*SECTION C: HOME ECONOMICS.
          *SECTION D: INDUSTRIAL EDUCATION.
           *SECTION E: GENERAL VOTEC.
                CONF *A
CONF *A
CONF *B
CONF *C
CONF *C
CONF *D
CONF *E
        85424
                                                                                            STAFF
        85432
                                         ARR
                                                                                            STAFF
         85441
                                         ARR
                                                                                            STAFF
        85459
                                         ARR
                                                                                            STAFF
        85467
                                                                                            STAFF
                                         ARR
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DEPARTMENT DEFICE

309H D H

#### COURSES FUR ADVANCED UNDERGRADUATES

Y21134 2^2 ELEMENTARY YORUPA, II.

ALL STUDENTS ARE REQUIRED TO RESISTER FOR 3 HOURS WORK PER WEEK IN THE LANGUAGE LABCRATORY.

PREREQUISITE: YPURA 201 UR CONSENT OF INSTRUCTOR.

5 47 125

THEY IT ERESHMEN. 85475

LECT-DISC 9 MTUW F 311 D H

STAHLKE

#### COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

YP,134 304 INTERMEDIATE YORUBA, II.

5 HOURS OR I UNIT STUDENTS ARE REQUIRED TO REGISTER FOR THREE HOURS PER WEEK IN THE

LANGUAGE LABORATORY.

TPE' TO FRESHMEN.

PREPEDUISITE: YORUBA 303 OP CONSENT OF INSTRUCTOR.

312 D H

ATOLORE

#### ZEOLOGY

DEPARTMENT OFFICE

267 MORRILL HALL

MAJUR: RIGH, 110 AND 111, OR EQUIVALENT AS APPROVED BY THE SEPARTMENT OF ZOOLOGY, PLUS THENTY HOURS IN SCHOOL OF LIFE SCIENCES COURSES AT THE ZOO LEVEL OR ABOVE.

AT LEAST DNE COURSE MUST BE TAKEN IN EACH OF THE FOLLOWING AREAS: JENETICS AND DEVELOPMENT (ZCOL. 333, BIOL. 210, 211); CELLUAR AND PHYSIDLOGICAL ZOOLUGY; (ZDOL. 312, 331, BICL. 307, PHYSL. 301 AND 3033, PHYSL. 302 AND 304). ECOLOGY AND BEHAVIOR (ZCOL. 340, 342, 343, 345, 346, 369, BICL. 31C AND BIOL. 312), MORPHOLOGY AND SYSTEMATICS (ZCOL. 232, 304, 318, 320, 321, 335).

ALS) REQUIRED ARE ONE YEAR OF PHYSICS, AT LEAST 3 SEMESTERS OF CHEMISTRY INCLUDING DRGANIC, AND MATHEMATICS THROUGH CALCULUS. COURSES IN BIOCHEMISTRY AND STATISTICS ARE HIGHLY RECOMMENDED.

MINORS: THENTY HOURS IN ONE OR TWO CIMER DEPARTMENTS, WITH AT LEAST FIGHT HOURS IN EACH IF TWO ARE CHOSEN. COMPLETION OF THE MAJOR REQUIREMENTS AUTOMATICALLY FULFILLS A CHEMISTRY-PHYSICS MINOR.

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST MAINTAIN A GRADE POINT AVERAGE OF AT LEAST 4.0 IN ALL COURSES TAKEN WITHIN THE SCHOOL OF LIFE SCIENCES AND MUST SUBMIT A WRITTEN REPORT ON INDEPENDENT RESEARCH CONDUCTED UNDER THE SUPERVISION OF A FACULTY ADVISOR.

## COURSES FOR UNDERGRADUATES

ZCOL	104 EL 4 HOURS	EMENTARY ZO	OLOGY.					
	85483	LECT	Α	9	TU TH	112	G H	INGLE
	85491	LECT	В	3	TU TH	112	G H	
	85505	LAB-DISC	1	8-10 8	M F	338 338	N H B N H B	
	85513	LAB-DISC	1 2 2	3-10 8	м	418	N H B	
	85521	LAB-DISC	3	10-12	ч .	338	N H B	
	85530	LAB-DISC	4	10-12		418	N H B	
	85548	LAB-DISC	5	1-3	M F	338	NHB	
	85556	LAB-DISC	6	1-3	M F	418 418	NHB	
	85564	LAB-DISC	7	3-5	M F	338 338	NHB	
	85572	LAB-DISC	8	3-5	M F	418 418	N H B	
	85581	LAB-DISC	9	8-10 8	TU	338 326	N H B	
	85599	LAB-DISC	10	8-10	TU TH	418	N H B N H B	
	85602	LAB-DISC	11	10-12	TU TH	338 326	N H B	
	85611	L AB-DISC	12	10-12	TU TH	418	N H B	
	85629	LAB-DISC	13	1-3	TU TH	338 326	N H B	
	85637	LAB-DISC	14	1-3	TU TH	418	N H B	
	85645	LAB-DISC	15	3-5	TU TH	338 326	NHB	
	85653	LAB-DISC	16	3-5	TU TH	418	N H B	
	85661	LAB-DISC	17	8-10	W	138 338	N H B	
	85670	LAB-DISC	18	8-10	W	418	N H B	
	85688	LAB-DISC	19	10-12 11	W F	338	N H B	
	85696	LAB-DISC	20	10-12	W	418	N H B	
	85700	LAB-DISC	21	1-3	W	338	N H B	
	85718	LAB-DISC	22	1-3	W	418	N H B N H B	
	85726	LAB-DISC	23	3-5	W	338 338	N H B N H B	
	85734	LAB-DISC	24	3-5	W F	418	N H B	
	85742	LAB-DISC	25 25	8-10	TH TU	338 326	N H B	
	85751	LAB-DISC	26	8-10	TH	418	NHB	
	85769	LAB-DISC	26 27	9 10-12	TU TH	326 338	NHB	
			27	10	TU	326	NHB	
	85777	LAR-DISC	28 28	10-12 11	TH TU	418 326	NHB	
	85785	LAB-DISC	29	1-3	TH	338	NHB	
	85793	LAB-DISC	29 30	1 -3	TU TH	326 418	NHB	
	85 807	LAB-DISC	30 31 31	2 3-5 3	TU TH TU	326 338 326	N H B N H B	
	85815	LAB-DISC	32	3-5	TH	418	N H B	
			32	4	TU	418	NHB	
ZOOL	PREREQU *CREDIT	OLUTION. ISITE: SOPHI WILL NOT B			ZOOL. 107	AND BIO	L. 115.	
	*3 HOUR 85823	S		9	M W F			KITZMILLER
	37023	0130		7	11 # 5	171		KITZHILLEK
ZOOL		DERGRADUATE REPEATED.	OPEN :	SEMINAR.				
	*0 TO 9	HOUR S						
	85831	CONF	Α	7-9₽₩	TU	162	N L	LEE

#### COURSES FOR ADVANCED UNDERGRADUATES

COMPARATIVE VERTERRATE ANATOMY. PREREQUISITE: BIOL. 110-111 GR BIOL. 151-251 OR EQUIVALENT. 5 HOURS 95840 LECT 1 M W F 349 ARMORY 9-12 TU TH 330 N H B 1-4 TU TH 33C N H B FRAZZETTA 95958 LAB Δ 1-4 85366 1 AR В ZCTL 246 VERTEBRATE SUCIAL CREAMIZATION. SAME AS PSYCH. AND SOC. 246. PREREJUISITE: ONE YEAR OF INTRODUCTORY BILLOGY. 3 HOURS 35574 LECT 4 M F 202 H H BANKS COUPSES FOR ADVANCED UNDERGRADUATES AND GRADUATES ZCOL 300 GENERAL SEMINAR. REJUIRED OF ALL GRADUATE STUDENTS BUT ALSO OPEN TO SENIORS WHOSE MAJOR IS ZOOLOGY. NO CREDIT 85932 228 N H B ATTENTION IS ALSO CALLED TO THE FOLLOWING SPECIAL CLUBS AND ATTENTION IS ALSO CALLED TO THE FOLLIWING SPECIAL CLUBS AND SEMINARS: ANIMAL ECOLOGY CLUB. 5 PM m, 302 VIVARIUM.

SENTICS SEMINAR-INTERPEPARTMENTAL. 4 PM, FIRST AND THIRD MONCAYS, 341 A S L.

ENDICRINOLOGY SEMINAR-INTERDEPARTMENTAL. FOR TOPICS, TIME, AND PLACE, SEE UNIVERSITY CALENDAR.

PROTOZOOLOGY-PARASITOLOGY SEMINAR. SECOND TUESDAYS, 7.30 P M. 167 VET MED. FOR DETAILS, SEE UNIVERSITY CALFADAR. 700L 303 INDIVIDUAL TOPICS. PREREQUISITE: THE YEARS OF ZUOLOGY, SENIOR STANDING, APPROVAL OF DEPARTMENT. 2 TO 5 HOURS, OR 1/2 TO 1 UNIT 891 CONF &4 ARR 85991 STAFF ZCOL 312 ENDUCPINOLOGY. SAME AS PHYSL . 312. PREREQUISITE: PHYSL. 301 OR A COURSE IN BICCHEMISTRY; CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT 85974 LECT 9 w w F 202 H H GDRSKI 320 INVERTEBRATE ZOOLOGY.
PREREQUISITE: BIOL. 110-111 OR BICL. 151-251 OR EQUIVALENT. 7001 5 HOURS OR 1 UNIT LEG. LAB LAB 85912 LECT M W F 140 BUR HALL SWEENEY A 1-4 85921 208 N L TU TH 95939 208 NL 208 85947 1-4 N I PRACTICAL MICROTECHNIQUE.

PREREQUISITE: HISTOLOGY OR EMBRYOLOGY AND CONSENT OF INSTRUCTOR.

3 HOURS OR 1/2 UNIT 7001 85955 2-5 TU TH 323 N H B LAB-DISC AL GER 3 VERTEBRATE EMBRYQLOGY.
PREREQUISITE: BIOL. 111 OR 251, OR EQUIVALENT. 5 H JURS OR 1 UNIT 85963 TH 228 WATTERSON TH M W F M W F M H T TJ TH 3-5 228 N H B 85971 LAB-DISC 8 8-10 318 V H S LAB-DISC LAB-DISC LAB-DISC 85980 10-12 318 NH B

1-3 9-12

318 N H 8 318 N H B

C

85998 86004

7001 ORNITHOLOGY . PREREQUISITE: BIOL. 110-111 OR BIOL. 151-251 OR FQUIVALENT. FIELD TRIPS. 3 HOURS OR 1/2 UNIT LECT TU TH 86012 140 BUR HALL KENDEIGH 11 LAB-DISC A
LAB-DISC B
LAB-DISC C 8-11 8-11 VIVARIUM 86021 W TH 302 302 VIVARIUM 86.03.9 S VIVARIUM 86047 8-11 302 PREREQUISITE: ZOOL. 232. 1001 3 HOURS OR 1/2 UNIT FIELD WORK TO BE APRANGED. 86055 LECT 8 M W 102B VIVARIUM SHOEMAKER 8-12 F 102B VIVARIUM LAB ZOOL 340 NATURAL HISTORY OF THE VERTERRATES.

PREREQUISITE: BIOL. 110-111 OR BICL. 151-251 OR EQUIVALENT; CONSENT OF INSTRUCTOR. 5 HOURS OR I UNIT 86063 LECT W F 302 VIVARIUM WILLSON S 8-12 302 VIVARIUM LAB LAB-DISC A 2-4 302 VIVARIUM 86090 VIVARIUM 302 FIFLD ECOLOGY . 200L 341 THEO ECOLOGY.

PREREQUISITE: CREDIT OR PEGISTRATION IN ONE OF THE FULLOWING:
ZOOL. 304, 335, 336, 337, 338, 340, 345, AND CONSENT OF INSTRUCTOR.
\*STUDENTS MAY ACCUMULATE 3 HOURS. \*1 H JUR OR 1/4 UNIT 86098 LAB GETZ 352 VIRUSES, II.

SAME AS BOT. AND MCBIO. 352.

PREREQUISITE: BOT./MCBIO./ZCGL. 351 OR CONSENT OF INSTRUCTOR;
BIUCHEMISTRY AND CALCULUS RECOMMENDED. 2001 3 HOURS OR 3/4 UNIT 86101 LECT M W F 140 BUR HALL BLACK AND REICHMAN COURSES FOR GRADUATES ZOOL 402 MOLFCULAR GENETICS.

SAME AS BOT. AND MCBIO. 402.

PREPEQUISITE: MCBIO. 330 OR EQUIVALENT. 3/4 UNIT M W F 86110 LECT 231 N H B 10 STAFF PHYSIOLOGY OF REPRODUCTION ZNNL 406 SAME AS AN. S. 406. 1 UNIT 86128 LAB-DISC TU TH 135 A S L 1 - 3 NALBANDOV ZCOL 407 FYOLUTIONARY THEORY.

PREREQUISITE: ONE COURSE IN GENETICS AND CONSENT OF INSTRUCTOR. 1 UNIT 86136 LECT-DISC TU TH LEE 408 LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION. SAME AS AN. S. 408.

PREREQUISITE: CONSENT OF INSTRUCTOR. 1/2 TO 1 UNIT 86144 ADD D7 THK NAI BANDOV Z00L 412 ADVANCED ENDOCRINGLOGY SAME AS AN. S., D. S., AND PHYSL. 412.
PREREQUISITE: PHYSL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.
#STUDENTS MAY ACCUMULATE 2 UNITS. #1/2 UNIT TOPIC: TO BE ANNOUNCED. าเรต 730-10PM M 140 BUR HALE NALBANDOV. 86152 DZIUK, FOSTER GORSKI. **JACKSON** 

ZOUL 418 ADVANCED PROTUZOOLOGY. PREREQUISITE: ZOUL . 318 OR EQUIVALENT. FIELD TRIPS. 1 UNIT

86161

SMALL

EXPERIMENTAL INVERTEBRATE ZUGLOGY. PRESEQUISITE: CONSENT OF INSTRUCTOR, AND ZOOL. 320 OR EQUIVALENT.

1 UNIT

86179 LECT-DISC APP

SWEENEY

ZCOL 422 ADVANCED PARASITOLOGY.
PREREQUISITE: ZOOL. 321 OR EQUIVALENT.

1 UNIT

8 TU TH 326 N H B 9-11 TU TH 326 N H B LAB

ZOOL 433 TOPICS IN DEVELOPMENTAL STOLOGY.

PRESEQUISITE: ZOOL. 367.

\*MAXIMUM CREDIT FOR MASTERS CANDIDATES ONE UNIT, DOCTORAL

CANDIDATES THREE UNITS.

\*1/4 UNIT

INSTRUCTORS: BROWN, DAVENPERT, NANNEY, STOCUM, WATTERSON.

86195 DISC ARR

CONCEPTS IN ETHOLOGY.

PREREQUISITE: ZOOL. 346.
1/2 UNIT
86209 DISC

DISC ARR BANKS

PHYSICEOGICAL ECCLOGY. 2001 446

1 UNIT

86217 LAB LECT

4 W F 302 VIVARIUM 8-12 S 201 VIVARIUM

KENDEIGH

KRUIDENIER

Z00L 447 ADVANCED ETHOLOGY.

PREREQUISITE: CONSENT OF INSTRUCTOR.

1 UNIT 86225

LAB-DISC

1-5 TU TH 346 N H B

BANKS , SALMON

ZCOL 451 ADVANCED CELLULAR PHYSIOLOGY.

SAME AS PHYSL. 451.
PREREQUISITE: CONSENT OF INSTRUCTOR.

1/2 UNIT

\*SECTION A TOPIC: BIOLOGY OF AGING.

\*SECTION A TOPIC: MOLECULAR ASPECTS OF FUNCTION OF CELL MEMBRANES.
SECTIONS A AND B MAY BE TAKEN CONCURRENTLY.
86233 DISC \*A 730-93CPM TH 501 BUR HALL
86241 DISC \*B 730-93CPM W 501 BUR HALL

BEUTOW, DUCO WILLIS . GORS

JENDRASIAK

ZUDE 490 INDIVIDUAL RESEARCH.

FUR MASTERS DEGREE CANDIDATES WHO ELECT TO WRITE A RESEARCH

REPORT RATHER THAN A THESIS.

PRESEQUISITE: CONSENT OF ACVISER.

NO MORE THAN 3 UNITS MAY BE INCLUDED IN THE MASTERS DEGREE

PROGRAM.

\*1/2 TO 3 UNITS 86250 ARR

STAFF

THESIS PESEARCH. ZDOL 499

O TO 4 UNITS
ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF

VERTEBRATE ANATOMY

FUNCTIONAL ANATOMY VERTEBRATE PHYSIOLOGY FRAZZETTA PROSSER, FEATH

ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF

INVERTEBRATES:

HELMINTHOLOGY

INVERTEBRATE ZOOLOGY
INVERTEBRATE PHYSIOLOGY

PARASITOLOGY

PRUTOZODLOGY

EMBRYOLOGY AND BASIC KNOWLEDGE OF CELLS AND TISSUES:
CYTOLOGY

CYTOLOGY

DEVELOPMENTAL BIOLOGY

EMBRYOLOGY AND REGENERATION

TOXICOLOGY UL TRASTRUCTURE

ECOLOGY, PRINCIPLES OF TAXONOMY, NATURAL HISTORY:

ECOLOGY ETHOLOGY

HERPETOLOGY **TCHTHYOLOGY** L EMNOLOGY MAMMAL OGY

ORNITHOLOGY TAXONOMY WILDLIFE

GENETICS AND EVOLUTION:

GENETICS EVOLUTIONARY THEORY

CONF ARR 86268

KRUIDENIER, SILVERMAN, LEVINE

MATTESON, SWEENEY
PROSSER, SWEENEY
KRUIDENIER, SILVERMAN, ALGER

DAVENPORT

WHITT DAVENPORT, WATTERSON, STOCUM

INGLE HALL

KENDEIGH. WILLSON. GHENT, GETZ BANKS, HIRSCH, SALMON

SHOEMAKER, P. SMITH MATTESON, BENNETT

HOFFMEISTER, LEE, LELAND KENDE IGH

EADES KENDEIGH, SHUEMAKER, SANDERSON

KITZMILLER, NANNEY, BROWN,

FRAZZETTA

STAFF



# NON-COMBINED FINAL EXAMINATION SCHEDULE

## Second Semester, 1970-1971

Tuesday, June 1, to Wednesday, June 9, 1971

Note: This schedule does not apply to law and veterinary medicine courses or to combined-section examinations. These schedules will be announced separately by these colleges.

## REQUIREMENT

Examinations must be taken at the close of each semester in all courses except those the character of which renders this unnecessary or impracticable.

## TIME OF EXAMINATIONS

Instructors must give final examinations at the time specified unless a change is approved in advance by the Chancellor. Requests for change should be submitted through the executive officer of the department in which the course is offered and the dean of the appropriate college.

Undergraduate Students. Only the dean of the student's college may approve post-ponement of the final examination in individual cases of undergraduate students.

Graduate Students. The student's instructor is authorized to approve requests for postponement of the final examination in individual cases of graduate students.

## EVENING EXAMINATIONS

Evening examinations are not authorized except for classes regularly scheduled through the semester to meet at 7:00 a.m., 12:00 noon, and after 4:00 p.m.. The evening hours for these examinations are specified in the published non-combined examination schedule.

## IRREGULARLY SCHEDULED COURSES

The final examination in a sectional course having at least two lectures per week at the same hour must be scheduled according to the sequence (MWF or TTS) in which the lectures occur, irrespective of the credit hours in the course or the time of discussion or laboratory occur, i

Examinations in multiple instructional courses combining one lecture with two or more discussion and/or laboratory periods at the same hour should be scheduled according to the sequence in which the discussion and/or laboratory periods fall, irrespective of the lecture hour. Examinations in courses which include combinations of one meeting each of lecture, dis-

cussion, and laboratory, or any two of these, at different hours must be arranged by the instructors concerned within the established period. A conflict examination must be provided if necessary.

If a course is so arranged that the examination may be given on more than one date, the earliest date in the examination schedule must be chosen. This includes graduate seminars. For example, a course regularly meeting from 1:00 to 3:00 p.m. on Monday and Wednesday, or on Wednesday, Thursday, and Friday, must have the examination scheduled from 1:30 to 4:30 p.m. on Tuesday, June 1, not Monday, June 7, 1971.

For courses regularly meeting on half-hour schedules, e.g., 8:00 to 9:30 a.m. on MF, the half-hour periods should be disregarded, and the examination must be given according to the sequence in which the full hours fall, i.e., 8:00 a.m. on MF. The examination in such a course would be given on Monday, June 7, from 8:00 to 11:00 a.m.

## SINGLE MEETING CLASSES

Examinations for courses meeting only once a week for one or more hours are to be arranged by the instructors concerned within the established examination period (June 1 to June 9, 1971).

Final examinations for 300- and 400-numbered education courses meeting only once a week will be administered during the first week of the final examination period at the same time, in the same classroom, and on the same weekday scheduled for regular meetings of the course throughout the semester.

## CONFLICTS

Non-combined examinations always have precedence over combined examinations, and departments giving combined-section examinations must care for conflicts with non-combined examinations.

Two or more examinations in sequence are not considered "conflicts."

## LENGTH OF EXAMINATIONS

The maximum limit for undergraduate examinations shall be three hours, except by special arrangement in individual cases approved by the dean of the college concerned. At the discontinuous of the college concerned. cretion of the department, a shorter examination may be given.

Permission to use a room of more than 100 capacity should be requested by the instructor directly from the Office of Space Utilization, 237 Davenport House, extension 3-1230 or 3-1231, starting on May 10, 1971. Permission to use other rooms allocated to another department should be requested from the department to which the room has been allocated.

#### SUPERVISION OF EXAMINATIONS

Instructors must supervise all examinations and are responsible for seeing that there is no communication of any sort during the examination except with the instructor.

#### DISCIPLINE FOR ACADEMIC IRREGULARITIES

Cases of academic irregularities shall be handled by the respective schools and colleges, except that cases recommended for suspension or dismissal from the University shall be referred to the appropriate Subcommittee on Student Discipline. For details of procedure, consult Official Notice No. 73, Faculty Letter 78, May 28, 1964. (Revised regulations adopted by the Urbana-Champaign Senate, April 13, 1964, reprinted as Rule 32 in the 1970-1971 edition of Regulations Applying to All Undergraduate Students.

### MORNING CLASSES

(a) All courses meeting on the TTS sequence or a combination of the TTS and the MWF sequences.

## Classes meeting at:

 Seven O'Clock
 Eight O'Clock
 Nine O'Clock
 Ten O'Clock
 Eleven O'Clock
 Twelve O'Clock

 Tues., June 1
 Tues., June 3
 Tues., June 8

 7:00-10:00 p.m.
 8:00-11:00 a.m.
 8:00-11:00 a.m.
 8:00-11:00 a.m.
 7:00-10:00 p.m.

(b) All courses meeting on the MWF sequence only.

#### Classes meeting at:

 Seven O'Clock
 Eight O'Clock
 Nine O'Clock
 Ten O'Clock
 Eleven O'Clock
 Twelve O'Clock

 Tues., June 1
 Mon., June 7
 Wed., June 9
 Fri., June 4
 Sat., June 5
 Thurs., June 3

 7:00-10:00 p.m.
 8:00-11:00 a.m.
 8:00-11:00 a.m.
 8:00-11:00 a.m.
 8:00-11:00 a.m.

#### AFTERNOON CLASSES

(a) All courses meeting on the TTS sequence, or a combination of the MWF and TTS sequences.

#### Classes meeting at:

 One O'Clock
 Two O'Clock
 Three O'Clock Four O'Clock
 Five O'Clock
 After Five O'Clock

 Mon., June 7
 Tues., June 1
 Wed., June 2
 Tues., June 8
 Mon., June 7
 Fri., June 4

 1:30-4:30 p.m.
 1:30-4:30 p.m.
 1:30-4:30 p.m.
 7:00-10:00 p.m.
 7:00-10:00 p.m.

(b) All courses meeting on the TTS sequence only.

## Classes meeting at:

 One O'Clock
 Two O'Clock
 Three O'Clock Four O'Clock
 Five O'Clock
 After Five O'Clock
 After Five O'Clock

 Fri., June 4
 Thurs., June 3
 Wed., June 9
 Sat., June 5
 Wed., June 2
 Fri., June 4

 1:30-4:30 p.m.
 1:30-4:30 p.m.
 1:30-4:30 p.m.
 7:00-10:00 p.m.
 7:00-10:00 p.m.

## CALENDAR

## Second Semester, 1970-1971

Second Semester, 177 S-1771
Feb. 1, MonLincoln's Birthday (not a University holiday).
Feb. 1, MonFeb. 6, Sat
Feb. 3, Wed., 2:30 to 5:00 p.mEarly registration (special permit required).
Feb. 4, Thurs., 8:00 a.m Feb. 6, Sat., 12:00 noon
Feb. 6, Sat., 8:00 a.m. to 12:00 noon Registration of commuting teachers.
Feb. 8, Mon., 7:00 a.mInstruction begins.
Feb. 8, Mon., 3:10 p.m
Feb. 15, MonLatest date for students currently enrolled to apply for student teaching assignment in fall or spring semester 1971-1972.
Feb. 15, Mon
Feb. 15, MonGraduation date (no Commencement exercises).
Feb. 18, Thurs., 5:00 p.mLatest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
Feb. 22, Mon., 5:00 p.mLatest date for undergraduate students to add a new course.
Mar. 2, Tues
Mar. 8, Mon., 3:10 p.mMeeting of Urbana-Champaign Senate.
Mar. 29, Mon
April 1, Thurs., 5:00 p.m
April 2, Fri., 5:00 p.mLatest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
April 2, Fri., 5:00 p.mLatest date for undergraduate students to withdraw from a course without penalty.
April 3, Sat., 1:00 p.mSpring vacation begins.
April 9, FriGood Friday (all University holiday).
April 12, Mon., 1:00 p.mSpring vacation ends.
April 12, Mon., 3:10 p.m
April 28, WedMay 5, WedAdvance enrollment for fall, 1971 (continuing students).
April 30, Fri
April 30, FriMay 2, Sun
May 7, Fri., 5:00 p.mLatest date to withdraw from the University without petitioning for readmission.
May 10, Mon., 3:10 p.m
May 11, Tues
May 27, ThursMay 28, FriRegistration for 1971 summer session off-campus courses, College of Law, and registration staff, including payment of tuition and fees.
May 29, SatLast day of instruction.
May 31, Mon
June 1, TuesJune 9, Wed Semester examinations.

June 7, Mon., 3:10 p.m......Meeting of Urbana-Champaign Senate.

June 19, Sat......Commencement.

## Eight-Week Summer Session, 1971

May 27, ThursMay 28, Fri Registration for 1971 Summer Session off-campus courses, College of Law, and student registration staff, including payment of tuition and fees.
June 7, Mon., 3:10 p.mMeeting of Urbana-Champaign Senate.
June 7, MonJuly 14, WedFirst session Summer Law Program.
June 11, Fri., 5:00 p.mLatest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from first five and one-half week Law session. (First five days.)
June 17, Thurs., 5:00 p.mLatest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from elevenweek Law term. (First ten days.)
June 21, Mon
June 22, Tues., 7:00 a.mInstruction begins.
June 22, TuesAug. 5, ThursAdvance enrollment for fall, 1971 (freshmen, new transfers, and readmitted former students).
June 23, Wed., 5:00 p.mLatest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from first five and one-half week Law session. (First fifteen days.)
June 28, MonLatest date for undergraduate students to add a new course.
June 28, Mon., 5:00 p.mLatest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range in eight-week session. (First five days.)
July 4, Sun
July 5, Mon
July 15, ThursAug. 21, SatSecond session Summer Law Program.
July 19, Mon
July 19, Mon., 5:00 p.mLatest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from eleven-week Law term. (First six weeks.)
July 19, Mon., 5:00 p.mLatest date for undergraduate students to withdraw from a course without penalty.
July 20, Tues., 5:00 p.mLatest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range in eightweek session. (First four weeks.)
July 20, Tues., 5:00 p.mLatest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from second five and one-half week Law session. (First five days.)
July 21, Wed Earliest date for one-half credit if withdrawing from the University for military service (four weeks' instruction completed), except Law.
July 23, Fri., 5:00 p.mLatest date for full refund of tuition and fees (except nonrefundable portion) if withdrawing from second four-week courses only. (First five days.)
July 28, Wed
July 29, ThursLatest date to withdraw from the University without petitioning for readmission.
July 30, Fri., 5:00 p.mLatest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from second four-week courses only. (First two weeks.)
July 30, Fri., 5:00 p.mLatest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from second five and one-half week Law session. (First fifteen days.)
Aug. 4, Wed
Aug. 12, ThursLast day of instruction in eight-week session.
Aug. 13, FriAug. 14, SatSummer Session final examinations.
Aug. 16, Mon
Aug. 25, Wed
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# INDEX

Accountancy11	Industrial Engineering219
Advertising	Italian
Aeronautical and Astronautical Engineering17	Japanese224
Agricultural Economics20	Journalism225
Agricultural Engineering23	Korean
Agricultural Mechanization25	Labor and Industrial Relations228
Agriculture26	Landscape Architecture230
Agronomy27	Latin232
Air Force Aerospace Studies30	Latin-American Studies234
American Civilization31	Law235
Animal Science32	Liberal Arts and Sciences
Anthropology	Liberal Arts (Study Abroad)239
Arabic40	Library Science
Architecture40	Linguistics242
Art44	Listing of Courses5
Asian Studies57	Listing of Honors Sections6
Astronomy59	Mathematics
Aviation	Mechanical Engineering
Bands	Medieval Civilization Studies
Biochemistry67	Metallurgical Engineering
Biology69	Microbiology
Biophysics72	Military Science
Botany73	Mining Engineering
Burmese76	Modern Greek276
Business	Modern Hebrew276
Business Administration	Music
Business and Technical Writing	Naval Science
Calendar	Non-Combined Final Examination Schedule 431
Ceramic Engineering82	Nuclear Engineering
Chemical Engineering84	Nutritional Sciences
Chemistry85	Order of Registration
Chinese	Persian
Civil Engineering	Petroleum Engineering
Classical Archaeology102	Philosophy
Classical Civilization	Physical Education
Communications	Physical Education for Men302
Comparative Literature	Physical Education for Women
Computer Science	Physics
Czech	Physiology
Dairy Science	Plant Pathology
Dairy Technology	Polish
Dance	Political Science
Economics	Portuguese
Education	Psychology
Educational Practice	Recreation and Park Administration355
Educational Psychology	Registration Instructions
Electrical Engineering	Rhetoric and Composition
	Knetoric and Composition
Engineering	D 1 C
Francisco II.	Rural Sociology
Engineering Honors	Rural Sociology
English	Rural Sociology
English	Rural Sociology       .367         Russian       .367         Russian Language and Area Studies       .372         Safety Education       .374
English	Rural Sociology       .367         Russian       .367         Russian Language and Area Studies       .372         Safety Education       .374         Scandinavian       .374
English         151           English as a Second Language         364           Entomology         161           Finance         163	Rural Sociology367Russian367Russian Language and Area Studies372Safety Education374Scandinavian374Secondary and Continuing Education375
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Scandinavian       375         Secondary and Continuing Education       375         Serbo-Croatian       379
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165         Forestry       167	Rural Sociology       .367         Russian       .367         Russian Language and Area Studies       .372         Safety Education       .374         Scandinavian       .374         Secondary and Continuing Education       .375         Serbo-Croatian       .379         Slavic       .379
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165         Forestry       167         French       169	Rural Sociology       .367         Russian       .367         Russian Language and Area Studies       .372         Safety Education       .374         Scandinavian       .374         Serbo-Croatian       .375         Serbo-Croatian       .379         Slavic       .379         Social Sciences       .380
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165         Forestry       167         French       169         General Education       176	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Secandinavian       375         Secondary and Continuing Education       375         Serbo-Croatian       379         Slavic       379         Social Sciences       380         Social Work       380
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165         Forestry       167         French       169         General Education       176         General Engineering       177	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Secondary and Continuing Education       375         Serbo-Croatian       379         Slavic       379         Social Sciences       380         Sociology       383
English     151       English as a Second Language     364       Entomology     161       Finance     163       Food Science     165       Forestry     167       French     169       General Education     176       General Engineering     177       Geography     180	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Scandinavian       374         Secondary and Continuing Education       375         Serbo-Croatian       379         Slavic       379         Social Sciences       380         Social Work       380         Sociology       383         Spanish       389
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165         Forestry       167         French       169         General Education       176         General Engineering       177         Geography       180         Geology       184	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Secondary and Continuing Education       375         Serbo-Croatian       379         Slavic       379         Social Sciences       380         Sociology       383
English     151       English as a Second Language     364       Entomology     161       Finance     163       Food Science     165       Forestry     167       French     169       General Education     176       General Engineering     177       Geography     180       Geology     184       German     189	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Scandinavian       374         Secondary and Continuing Education       375         Serbo-Croatian       379         Slavic       379         Social Sciences       380         Social Work       380         Sociology       383         Spanish       389
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165         Forestry       167         French       169         General Education       176         General Engineering       177         Geography       180         Geology       184         German       189         Germanic       194	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Scandinavian       374         Serbo-Croatian       375         Serbo-Croatian       379         Slavic       379         Social Sciences       380         Social Work       380         Sociology       383         Spanish       389         Special Education       395
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165         Forestry       167         French       169         General Education       176         General Engineering       177         Geography       180         Geology       184         German       189         Germanic       194         Greek       195	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Secondary and Continuing Education       375         Serbo-Croatian       379         Slavic       379         Social Sciences       380         Social Work       380         Sociology       383         Spanish       389         Special Education       395         Speech       397
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165         Forestry       167         French       169         General Education       176         General Engineering       177         Geography       180         Geology       184         German       189         Gerean       194         Greek       195         Health Education       196	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Secondary and Continuing Education       375         Serbo-Croatian       379         Slavic       379         Social Sciences       380         Social Work       380         Sociology       383         Spanish       389         Speechal Education       395         Speech       397         Theatre       406
English       151         English as a Second Language       364         Entomology       161         Finance       163         Food Science       165         Forestry       167         French       169         General Education       176         General Engineering       177         Geography       180         Geology       184         German       189         Germanic       194         Greek       195         Health Education       196         Hebrew       199	Rural Sociology       367         Russian       367         Russian Language and Area Studies       372         Safety Education       374         Secondary and Continuing Education       375         Serbo-Croatian       379         Slavic       379         Social Sciences       380         Social Work       380         Spanish       389         Special Education       395         Speech       397         Theatre       406         Theoretical and Applied Mechanics       409         Urban Planning       413
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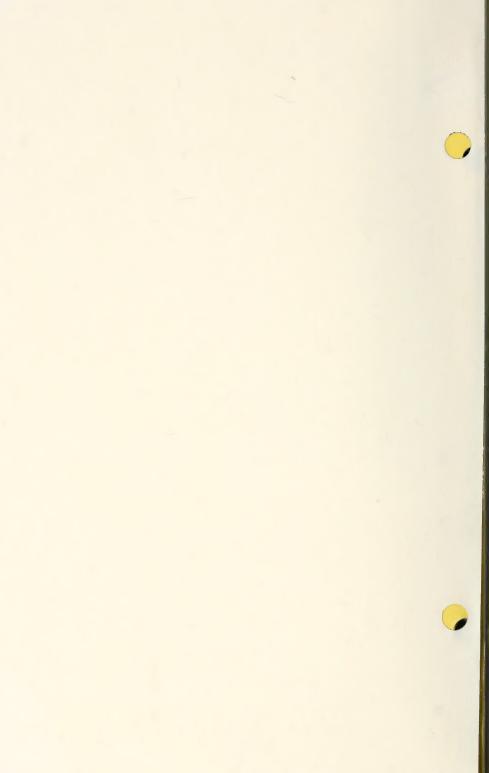
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